HCA R18 S6

WHRC
HAVERFORD-BRYN MAWR BROADCASTING INC.
HAVERFORD-BRYN MAWR COLLEGES
HAVERFORD, PA, 19041 (215) 649-1200

March 8, 1984

To: SC and SGA treasurers

From: WHRC

Re: FM license

The possibility of the Haverford-Bryn Mawr Broadcasting Company becoming FM has arisen again. Villanova has expressed an interest in sharing an FM station with us. Among the advantages of this option is the fact that Villanova has an antenna site, which would increase the possibility of receiving a license. We feel that our chances are very good, and our lawyers are already working on drawing up agreement contracts with Villanova.

Before we apply for FM and the construction permit, however, we need an engineer report on the site and on our facilities. Our share of the engineering fee will be $600. This figure is half of what Villanova is paying because of the previous work this firm has done for us, but it is still money that we must have.

This $600 is what we pay even if the report is negative and we do not get the construction permit. The other choice would be to pay $1200 when and if the report turns out positive and we get our permits to go ahead. The problem with this is that if we decide that the joint operation of a station with Villanova is unsatisfactory and the report turns out positive, we still must pay $1200. The $600 will assure us of a report that we can use if we decide against the merger and try on our own to go FM. Either way, we need the necessary amount. We feel it would be a worthwhile endeavor for the chances are good that the bi-college community would finally have an FM station that can be appreciated by all.

Patty Han - 649-6140
Don Wilkinson - 649-5874
Business Department, WHRC

HCA R18
SD

Estimated costs for FM Station, October, 1985.

There are three catagories of costs outlined here. Catagory #1 includes those costs that indisputably will be born by both HBMBI and Villanova. Catagory #2 includes those costs which are under negotiation with Villanova. Catagory #3 are those which indisputably must be borne by HBMBI alone.

#1 The proposed joint venture with Villanova entails a single transmission tower to be operatrd by HBMBI at Villanova on a rotating schedule from our respective studios. Costs for the transmission system are to be split between the colleges.

#1

300 watt transmitter:	$7900
2 bay antenna :	1000
Custom directionalization of antenna:	8700
2 Raydomes	800
Modulation monitor:	2900
Insulation/Misc	2500

Total: 22,800 Split:11,400

#2 Because we will not have direct access to the transmitter, our studio will require a link up and a remote control to the transmitter. It is hoped that in the final negotiations in this joint venture that these costs could be split evenly between the two colleges. Alternative, less expensive methods of hook-up are being explored.

#2

Microwave and Remote Control:	$ 13,500

Total: 13,500 Split:6,750

#3 There will be additional studio improvements (including

the construction of our studio at BMC) whose costs will be born by Haverford and Bryn Mawr Colleges alone.Both HBMBI and Villanova must cover the costs of their own studios.

#3

2 Stereo amplifiers:	$ 1000
Stereo processor	7900
Shock-insulated cabenetry	2000
Misc./repairs of old equip.	11,100
Total: 22,000	

These are the best cost estimates availiable at this time, the largest variable, being those costs in catagory #2. Once again, this leaves us with a total estimate of FM broadcasting costing somewhere between $ 40,550.00 - 47,300.00.

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HCA R/8 S6

WHRC — Progressive Radio
Haverford-Bryn Mawr Broadcasting Inc.
Haverford and Bryn Mawr Colleges
Haverford, PA 19041
(215) 649-1200

November 25, 1985

We at WHRC, the bi-college radio station, are once again hoping to effect a change in its status from an AM carrier current to an FM station. The last attempt towards this end in the fall of 1983 was frustrated by the FCC's denial of our FM license application. Since then, we have been working to fulfill the goal first set by former WHRC members whose dedicated belief in the advantages of having an FM station fueled the original movement. We, too, firmly support the idea that there is much to be gained by having an FM station, not only in terms of benefits to the station itself, but also in terms of benefits to the community, both bi-college and local. At this juncture, it appears that the granting of our FM license is a very real possibility and thus, we would like to take this opportunity to present what we see to be the major advantages of such a move.

Initially, the station would, of course, benefit from such an altering of its status. The present condition of the station is, to say the least, very poor. The studios, office and record library are run down and much of the equipment is old and in need of constant repair. The building of a new FM station with the consequent purchase of new equipment would cut down on the large operating expenses incurred by the frequent technical breakdowns to which the equipment is subject. Better equipment would also circumvent the programming problems we now experience, i.e., the interruption of shows due to malfunction. The radio station has often had to be closed because equipment was not functioning properly, resulting in an unpredictable programming schedule. FM equipment would ensure a smoother and more reliable airing of shows.

Further, the mechanics of an AM carrier current station are such that the radio signals are carried through our phone loops, which results in phone bills of approximately $650.00 per semester. FM signals are carried direct, without necessitating the use of phone loops; thus our large phone bills would be drastically reduced. Finally, as it regards the station, an FM station status means a greater interest from the music industry. While we currently receive some promotional items from various companies affiliated with the music business, a great many companies reserve their promotional goods for FM stations as they are aware that concomitant with the larger audience of FM stations, there is a larger market. Although we have inquired, the major record companies will not send us promotional records, magazines or other

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information which may be of interest and value. As an FM station, we would receive a great deal more from these companies, thereby reducing the amount of money needed to buy what other stations receive for free. The money saved through the acquisition of free materials could be used to obtain things of particular interest to the community. Through receiving more promos and channeling our funds into other areas, our musical selection would be greatly enlarged and diversified, allowing for a more variegated programming schedule. Presently, a large proportion of our shows have a rock format, although we do also have classical and jazz shows. However, there are many other musical tastes and special interest shows that we cannot accommodate due to lack of resources which could be fulfilled by a more extensive record collection.

Thus, the advantages to the station are many, but in the end, the radio station exists to serve its listeners and, consequently, all of the advantages of an FM station will ultimately work to the benefit of the community. As previously suggested, broadcasting would not depend upon the working condition of the equipment, which frustrates both DJ's and listeners, but would become more consistent and reliable. The larger musical offering would allow many other tastes to be expressed by DJ's and to be enjoyed by listeners. Minority groups, for example, could have regular shows in which they presented music expressive of their cultures. Not only would this strengthen the minority cultures, it would foster an awareness of these cultures in people outside of them.

Such expanded programming, however, does not merely involve musical programming. Sports shows, news shows, faculty forums and on-air debates are some of the areas into which we would be able to expand (see Exhibit "A"). The other problem which we face in our present status as an AM station, aside from a limited number of resources, is the limited number of people involved as either active participants or listeners. At the present time, our broadcasting area is confined to the Haverford Dining Center, with sporadic reception in the Gummere and Leeds dorms. The transmitters in the other dorms, including all of Bryn Mawr's campus, are broken or have been stolen. Thus there is a great difficulty in fulfilling programming spots that are not at mealtimes for no one wants to do a show which will not be heard or appreciated. The situation is more grave with respect to Bryn Mawr students for while WHRC is technically a bi-college organization, participation among Bryn Mawrters is disproportionately low. This is to be expected since they cannot hear the station except when eating at Haverford.

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Strengthening ties between Bryn Mawr and Haverford and making WHRC a truly bi-college organization is one of the primary advantages that we see in obtaining an FM station. Until now, the station has always been on the Haverford campus, thus making it even less accessible to Bryn Mawr students. However, if the station were to become FM, the FM tower would be built at Rockefeller and the proposed site of the actual station is on the Bryn Mawr campus. We expect that greater accessibility to the station, coupled with the fact that Bryn Mawr students will at long last be able to hear the broadcasts on their campus, will encourage greater participation. In fact, we hope that the broader broadcasting range and time would attract more Haverford students as well. While we have approximately 115 students (bi-college total) involved with WHRC this semester, making us one of the largest clubs on campus, we will need more manpower in order to fulfill our greater airing time. We are not anticipating any problems here, in view of the interest already shown in the station and particularly in light of the added attractions of an FM station - the increased listenership, the more varied and complete music selection and the expanded and diversified programming capacity.

More participation from members of the community means that the station can keep in touch with the community. This is an important role of the radio station and one that can be strengthened by having the advantages of an FM station at our disposal. As such, the station could become a focal point for disseminating not only college news, but local and national news of interest as well. Presently, news of campus events is received either through flyers in campus mail and posters on campus or through The News. We do not mean to replace these means of conveying news, but to provide further support for them. Airing news shows on their own or as pre-recorded segments to be used on other shows would provide a forum for presenting local, national or campus topics of interest to the community for debate or discussion. Events on campus could also be publicized to a greater degree and on a more frequent basis than can be provided by The News or other means.

But the positive ramifications of an FM station extend even beyond the boundaries of the bi-college community for the broadcasting range of the station would enable it to be heard throughout the surrounding local community. Such exposure could increase awareness of the two colleges and prove a valuable public rela-

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tions instrument for both. Firstly, the mere fact of having an FM station would make the schools more attractive to prospective students. Secondly, the station could provide an alternative means for alumni in the area to keep in touch with campus activities and issues. Thirdly, FM stations receive a good deal of press coverage, not only in music magazines but also in papers such as The Philadelphia Inquirer. College concerts such as those arranged by the Alternative Concert Series or New Point Concerts would be publicized free of charge by many area newspapers as events taking place at an institution with an FM station.

Finally, while we could not solicit advertising, we would be able to promote the causes of on- and off-campus non-profit organizations. Public service time could be allotted to such organizations and also to special interest groups on campus to generate interest in their activities. In addition to providing publicity for these organizations, the station could thus act as a link between the bi-college community and the surrounding area. This interaction could also be achieved through the holding of projects such as program sponsorships and marathons. Marathons would also be one way in which we might raise money to offset some of the funding needed to found the station.

We realize that the cost involved in setting up an FM station is quite substantial (for a breakdown of costs, please see Exhibit "B"). However, we hope that you will take into consideration the benefits to be had by all involved in making this move. We believe that the advantages that will arise out of our having an FM station fully justify the expenditure of the necessary funds and we would encourage you to view it as a worthy, long-term investment and a positive addition to the resources available to the Bryn Mawr-Haverford community.

Thank you for your time and consideration of this matter.

Respectfully submitted,

Patty Han '87
Business Manager, WHRC

MONDAY

7:30 - 9:30 A.M.	CLASSICAL MORNING	REC, A/C
	Newscast at: 7:50-7:55 A.M.	NS/NET
	8:50-8:55 A.M.	
	Sports at: 8:20-8:25 A.M.	O/NET
9:30 - 11:30 A.M.	INDIVIDUAL MUSIC PROGRAM	LE/REC
	Newscast at: 9:50-9:55 A.M.	NS/NET
11:30 - 1:30 P.M.	RED, WHITE AND BLUES	LE/REC
	Newscast at: 11:50-11:55 A.M.	NS/NET
	12:50-12:55 P.M.	
	Sports at: 12:20-12:25 P.M.	O/NET
1:30 - 4:30 P.M.	INDIVIDUAL MUSIC PROGRAM	LE/REC
	Newscast at: 1:50-1:55 P.M.	NS/NET
4:30 - 7:00 P.M.	EVENING SHAKEDOWN	LE/REC
	Newscast at: 4:50-4:55 P.M.	NS/NET
	5:50-5:55 P.M.	
	6:50-6:55 P.M.	
	Sports at: 5:20-5:25 P.M.	O/NET
7:00 - 7:15 P.M.	WILD HICKTOWN RACQUET CLUB	LE/L
7:15 - 8:00 P.M.	BROADWAY BABY	LE/REC
8:00 - 11:00 P.M.	INDIVIDUAL MUSIC PROGRAM	LE/REC

Exhibit A

TUESDAY

7:30 - 9:30 A.M.	CLASSICAL MORNING	REC., A/C
	Newscast at: 7:50-7:55 A.M.	NS/NET
	8:50-8:55 A.M.	
	Sports at: 8:20-8:25 A.M.	O/NET
9:30 - 11:30 A.M.	INDIVIDUAL MUSIC PROGRAM	LE/REC
	Newscast at: 9:50-9:55 A.M.	NS/NET
11:30 - 1:30 P.M.	RED, WHITE AND BLUES	LE/REC
	Newscast at: 11:50-11:55 A.M.	NS/NET
	12:50-12:55 P.M.	
	Sports at: 12:20-12:25 P.M.	O/NET
1:30 - 4:30 P.M.	INDIVIDUAL MUSIC PROGRAM	LE/REC
	Newscast at: 1:50-1:55 P.M.	NS/NET
4:30 - 7:00 P.M.	EVENING SHAKEDOWN	LE/REC
	Newscast at: 4:50-4:55 P.M.	NS/NET
	5:50-5:55 P.M.	
	6:50-6:55 P.M.	
	Sports at: 5:20-5:25 P.M.	O/NET
7:00 - 8:00 P.M.	THE OTHER END	GEN, PA/L
8:00 - 11:00 P.M.	INDIVIDUAL MUSIC PROGRAM	LE/REC

WEDNESDAY

7:30 - 9:30 A.M.	CLASSICAL MORNING	REC, A/O
	Newscast at: 7:50-7:55 A.M.	NS/NET
	8:50-8:55 A.M.	
	Sports at: 8:20-8:25 A.M.	O/NET
9:30 - 11:30 A.M.	INDIVIDUAL MUSIC PROGRAM	LE/REC
	Newscast at: 9:50-9:55 A.M.	NS/NET
11:30 - 1:30 P.M.	RED, WHITE AND BLUES	LE/REC
	Newscast at: 11:50-11:55 A.M.	NS/NET
	12:50-12:55 P.M.	
	Sports at: 12:20-12:25 P.M.	O/NET
1:30 - 4:30 P.M.	INDIVIDUAL MUSIC PROGRAM	LE/REC
	Newscast at: 1:50-1:55 P.M.	NS/NET
4:30 - 7:00 P.M.	EVENING SHAKEDOWN	LE/REC
	Newscast at: 4:50-4:55 P.M.	NS/NET
	5:50-5:55 P.M.	
	6:50-6:55 P.M.	
	Sports at: 5:20-5:25 P.M.	O/NET
7:00 - 7:30 P.M.	TROUT THEATRE	LE/L
7:30 - 8:00 P.M.	STORYTIME WITH SKIP AND BABS	LE/L
8:00 - 11:00 P.M.	INDIVIDUAL MUSIC PROGRAM	LE/REC

THURSDAY

7:30 - 9:30 A.M.	CLASSICAL MORNING	REC, A/C
	Newscast at: 7:50-7:55 A.M.	NS/NET
	8:50-8:55 A.M.	
	Sports at: 8:20-8:25 A.M.	O/NET
9:30 - 11:30 A.M.	INDIVIDUAL MUSIC PROGRAM	LE/REC
	Newscast at: 9:50-9:55 A.M.	NS/NET
11:30 - 1:30 P.M.	RED, WHITE AND BLUES	LE/REC
	Newscast at: 11:50-11:55 A.M.	NS/NET
	12:50-12:55 P.M.	
	Sports at: 12:20-12:25 P.M.	O/NET
1:30 - 4:30 P.M.	INDIVIDUAL MUSIC PROGRAM	LE/REC
	Newscast at: 1:50-1:55 P.M.	NS/NET
4:30 - 7:00 P.M.	EVENING SHAKEDOWN	LE/REC
	Newscast at: 4:50-4:55 P.M.	NS/NET
	5:50-5:55 P.M.	
	6:50-6:55 P.M.	
	Sports at: 5:20-5:25 P.M.	O/NET
7:00 - 7:15 P.M.	WILD HICKTOWN RACQUET CLUB	LE/L
7:15 - 8:00 P.M.	AFTER THE HEAT	LE/REC
8:00 - 11:00 P.M.	INDIVIDUAL MUSIC PROGRAM	LE/REC

FRIDAY

7:30 - 9:30 A.M.	CLASSICAL MORNING	REC, A/O
	Newscast at: 7:50-7:55 A.M.	NS/NET
	8:50-8:55 A.M.	
	Sports at: 8:20-8:25 A.M.	O/NET
9:30 - 11:30 A.M.	INDIVIDUAL MUSIC PROGRAM	LE/REC
	Newscast at: 9:50-9:55 A.M.	NS/NET
11:30 - 1:30 P.M.	RED, WHITE AND BLUES	LE/REC
	Newscast at: 11:50-11:55 A.M.	NS/NET
	12:50-12:55 P.M.	
	Sports at: 12:20-12:25 P.M.	O/NET
1:30 - 4:30 P.M.	INDIVIDUAL MUSIC PROGRAM	LE/REC
	Newscast at: 1:50-1:55 P.M.	NS/NET
4:30 - 7:00 P.M.	EVENING SHAKEDOWN	LE/REC
	Newscast at: 4:50-4:55 P.M.	NS/NET
	5:50-5:55 P.M.	
	6:50-6:55 P.M.	
	Sports at: 5:20-5:25 P.M.	O/NET
7:00 - 7:30 P.M.	CAMPUS ROUNDUP	NS/L
7:30 - 8:00 P.M.	DANCIN' IN THE STREETS	LE/REC
8:00 - 11:00 P.M.	INDIVIDUAL MUSIC PROGRAM	LE/REC

SATURDAY

9:30 A.M. - 2:00 P.M.	BLUEGRASS AND FOLK	LE/REC
	Newscast at: 9:50-9:55 A.M.	NS/NET
	11:50-11:55 A.M.	
	12:50-12:55 P.M.	
	1:50-1:55 P.M.	
	Sports at: 12:20-12:25 P.M.	O/NET
2:00 - 4:30 P.M.	AT THE HOP	LE/REC
4:30 - 7:00 P.M.	REGGAE RAP	LE/REC
	Newscast at: 4:50-4:55 P.M.	NS/NET
	5:50-5:55 P.M.	
	6:50-6:55 P.M.	
	Sports at: 5:20-5:25 P.M.	O/NET
7:00 - 10:00 P.M.	SATURDAY NIGHT LIVE!	LE/REC

9:30 A.M. – 2:00 P.M.	CLASSICAL BRUNCH	REC, A/O
	Newscast at: 9:50-9:55 A.M.	NS/NET
	11:50-11:55 A.M.	
	12:50-12:55 P.M.	
	1:50-1:55 P.M.	
	Sports at: 12:20-12:25 P.M.	O/NET
2:00 – 3:30 P.M.	THE FRONTLINE	NS, PA, GEN/L
3:30 – 4:30 P.M.	SUNDAY SPECIAL	PA, A, GEN/L
4:30 – 7:00 P.M.	EVENING SHAKEDOWN	LE/REC
	Newscast at: 4:50-4:55 P.M.	NS/NET
	5:50-5:55 P.M.	
	6:50-6:55 P.M.	
	Sports at: 5:20-5:25 P.M.	O/NET
7:00 – 8:00 P.M.	FACULTY FORUM	PA, NS, GEN/L
8:00 – 11:00 P.M.	INDIVIDUAL MUSIC PROGRAM	LE/REC

II. DESCRIPTION OF PROGRAM CONTENT

CLASSICAL MORNING AND CLASSICAL BRUNCH

Music of the European Classical tradition will be explored through both recorded works and college performances from the music libraries of Haverford and Bryn Mawr Colleges. Special features will be presented through cooperation with conservatories throughout the Philadelphia area.

INDIVIDUAL MUSIC PROGRAMS

Uncategorized programs will be available for the disc-jockeys to experiment with the concept of a musical continuum. Various ethnic musics and forms of American music will be emphasized. Afro-American roots will play a fundamental role in the consideration of contemporary jazz and rock. Experimental classical and jazz will be studied.

RED, WHITE AND BLUES

Traditional American music will be presented in various forms, including jazz, rural and urban blues, Anglo-American folk music, gospel, bluegrass and rhythm and blues.

EVENING SHAKEDOWN

New Wave rock, contemporary R & B/Funk, and reggae will be presented, with an emphasis placed on connections to early rock 'n' roll, soul music, urban blues and country-inflected rockabilly. The shows serve as a forum for new releases, integrating recent trends into the continuum.

BLUEGRASS AND FOLK

Folk music grounded in the East Coast Anglo-American tradition will be presented. Cross-cultural influences and the European folk heritage will be examined.

AT THE HOP

An "oldies" show featuring rock 'n' roll from the 1950s and 1960s. Trends such as rockabilly, the British Invasion, and soul will be explored in the context of the contemporary youth movements.

REGGAE RAP

The development of reggae, a Jamaican music derived from American rhythm and blues and Afro-Caribbean music, will be traced through "ska" and "blue-beat" to the modern style. Issues related to the Rastafarian religion will be discussed, and situations within Philadelphia's growing Jamaican community will be considered.

WILD HICKTOWN RACQUET CLUB

Wild Hicktown Racquet Club, written, acted and directed by students, is a soap opera set in the Wild, Wild West. This elaborate and plush racquet club attracts an international clientele, who provides most of the romance, intrigue and suspense.

BROADWAY BABY

For one half hour each week, Broadway Baby focuses on a Broadway musical, incorporating both the music (different versions when available) and the history of the show and its actors.

THE OTHER END

This is used as a forum for student opinion and campus events. Guests are brought in from both Bryn Mawr College and Haverford College and the surrounding areas, and opportunities to call in and speak "live on the air" are provided.

TROUT THEATRE

Trout Theatre is an original comedy, written and performed actively by the students of Haverford and Bryn Mawr Colleges. Each program consists of several hilarious skits of varying length and content.

AFTER THE HEAT

This program aims to introduce new and progressive music to the air waves. New artists, different types of music, and variations are played and reviewed. Opportunities to call in and discuss the artist or his work are always available.

STORY TIME WITH SKIP AND BABS

This is acted by students. Children's stories are taken and acted out over background music.

CAMPUS ROUNDUP

Friday's Campus Roundup includes an overview of the past week's events and a preview of movies, lectures and concerts at Bryn Mawr College, Haverford College, and the surrounding areas for the week to come.

DANCIN' IN THE STREETS

This program incorporates both the music and history of the 1960s Motown craze.

THE FRONTLINE

The Frontline is Haverford and Bryn Mawr Colleges' news magazine. Weekly features include international, national and local news, items of interest, and discussion.

FACULTY FORUM

This allows the distinguished professors from both Bryn Mawr College and Haverford College to discuss their research and/or current projects. Panel discussions concerning current events will also be held.

SATURDAY NIGHT LIVE!

Saturday Night Live prepares everyone for Saturday night out with the latest disco, funk and rock 'n' roll hits.

SUNDAY SPECIAL

Pre-recorded campus concerts and lectures will be aired during Sunday Special. This program will give the community an opportunity to hear an event from a distinguished visitor to the colleges they may have otherwise missed.

WEEKLY PROGRAMMING AT A GLANCE

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY		SATURDAY		SUNDAY
7:30 AM TO 9:30 AM	CLASSICAL MORNING	CLASSICAL MORNING	CLASSICAL MORNING	CLASSICAL MORNING	CLASSICAL MORNING	9:30 AM TO 11:30 AM	BLUEGRASS AND FOLK	9:30 AM TO 11:30 AM	CLASSICAL BRUNCH
9:30 AM TO 11:30 AM	INDIVIDUAL MUSIC PROGRAM	INDIVIDUAL MUSIC PROGRAM	INDIVIDUAL MUSIC PROGRAM	INDIVIDUAL MUSIC PROGRAM	INDIVIDUAL MUSIC PROGRAM	11:30 AM TO 2:00 PM	"	11:30 AM TO 2:00 PM	"
11:30 AM TO 1:30 PM	RED, WHITE AND BLUES	RED, WHITE AND BLUES	RED, WHITE AND BLUES	RED, WHITE AND BLUES	RED, WHITE AND BLUES	2:00 PM TO 4:30 PM	AT THE HOP	2:00 PM TO 3:30 PM	THE FRONTLINE
1:30 PM TO 4:30 PM	INDIVIDUAL MUSIC PROGRAM	INDIVIDUAL MUSIC PROGRAM	INDIVIDUAL MUSIC PROGRAM	INDIVIDUAL MUSIC PROGRAM	INDIVIDUAL MUSIC PROGRAM	4:30 PM TO 7:00 PM	REGGAE RAP	3:30 PM TO 4:30 PM	SUNDAY SPECIAL
4:30 PM TO 7:00 PM	EVENING SHAKEDOWN	EVENING SHAKEDOWN	EVENING SHAKEDOWN	EVENING SHAKEDOWN	EVENING SHAKEDOWN	7:00 PM TO 10:00 PM	SATURDAY NIGHT LIVE	4:30 PM TO 7:00 PM	EVENING SHAKEDOWN
7:00-7:15 PM	WILD HICKTOWN RACQUET CLUB	THE OTHER END	TROUT THEATRE	WILD HICKTOWN RACQUET CLUB	CAMPUS ROUNDUP			7:00 PM TO 8:00 PM	FACULTY FORUM
7:15-7:30 PM	BROADWAY BABY	"	"	AFTER THE HEAT	"			8:00 PM TO 11:00 PM	INDIVIDUAL MUSIC PROGRAM
7:30-8:00 PM	"	"	STORY TIME WITH SKIP & BABS	"	DANCIN' IN THE STREETS				
8:00 PM TO 11:00 PM	INDIVIDUAL MUSIC PROGRAM	INDIVIDUAL MUSIC PROGRAM	INDIVIDUAL MUSIC PROGRAM	INDIVIDUAL MUSIC PROGRAM	INDIVIDUAL MUSIC PROGRAM				

Exhibit B

Estimated costs for FM Station, October, 1985.

There are three catagories of costs outlined here. Catagory #1 includes those costs that indisputably will be born by both HBMBI and Villanova. Catagory #2 includes those costs which are under negotiation with Villanova. Catagory #3 are those which indisputably must be borne by HBMBI alone.

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#2

Microwave and Remote Control:	$ 13,500

Total: 13,500 Split:6,750

#3 There will be additional studio improvements (including

the construction of our studio at BMC) whose costs will be born by Haverford and Bryn Mawr Colleges alone.Both HBMBI and Villanova must cover the costs of their own studios.

#3

2 Stereo amplifiers:	$ 1000
Stereo processor	7900
Shock-insulated cabenetry	2000
Misc./repairs of old equip.	11,100
Total: 22,000	

These are the best cost estimates availiable at this time, the largest variable, being those costs in catagory #2. Once again, this leaves us with a total estimate of FM broadcasting costing somewhere between $ 40,550.00 - 47,300.00.

Name of Applicant: Haverford-Bryn Mawr Broadcasting, Inc.

1. Purpose of authorization applied for: New station sharing time with identical facilities proposed by Villanova University.

☒ Construct a new station ☐ Install Auxiliary system

Change: ☐ Effective radiated power ☐ Frequency

☐ Antenna height above average terrain ☐ Transmitter location

☐ Studio location outside community of license

☐ Other (*Summarize briefly the nature of the changes proposed.*)

2. Community of license: State: Pennsylvania City or Town: Haverford

3. Facilities requested: Frequency: 88.5 MHz Channel No.: 203 Class (Check one below): ☒ A ☐ B ☐ B1 ☐ C ☐ C1 ☐ C2 ☐ D

4. Geographic coordinates of antenna (to nearest second)

North Latitude 40° 02' 26" West Longitude 75° 20' 26"

5. Effective radiated power:

Polarization	Horizontal Plane	Maximum (Beam tilt only)
Horizontal	- - kW	- - kW
Vertical	0.460 kW	- - kW

6. Height in meters of antenna radiation center:

	Above Average terrain (HAAT)		Above Mean Sea Level		Above Ground	
Horizontal	- -	meters	- -	meters	- -	meters
	275	feet	540	feet	75	feet
Vertical	83.8	meters	164.6	meters	22.9	meters

7. Is a directional antenna being proposed? ☒ YES ☐ NO

If Yes, attach as Exhibit No. * an engineering statement with all data specified in Section 73.316(d) of the Commission's Rules. *Please see the attached Engineering Exhibit.

8. Transmitter location: State Pennsylvania County Delaware

City or Town: Villanova

Street Address (*or other identification*): St. Mary's Hall, Spring Mill Road campus of Villanova University.

9. Overall height of complete structure above ground, including all appurtenances and lighting (if any, see Part 17). 80 feet / 24.4 meters

10. Attach as Figure 2 map(s) (*Sectional Aeronautical charts or equivalent*) of the area proposed to be served and shown thereon:

(a) Proposed transmitter location and the radials along which the profile graphs have been prepared;

(b) The 1mV/m predicted contour;

(c) Area (*sq. mi.*) and population (*latest census*) within 1 mV/m contour;

(d) Scale of miles or kilometers (*kilometers if available*).

11. Attach as Figure 2 a map (*Sectional Aeronautical charts where obtainable*) showing the present and proposed 1 mV/m (60 dbu) contours.

Enter the following from Exhibit above:

Gain Area 139.0 sq. mi.

Loss Area - - sq. mi.

Percent change (gain area plus loss area as percentage of present area) 100 %.

If 50% or more this constitutes a major change. Indicate in question 2(e), Section I, accordingly.

12. If the main studio will not be within the boundaries of the principal community to be served, attach as Exhibit No. N/A a justification pursuant to Section 73.1125(f) of the Commission's Rules.

13. Attach as Figure 3 map(s) (*7.5 minute U.S. Geographic Survey topographic quadrangles if available*) of the proposed antenna location showing the following information:

(a) Proposed transmitter location accurately plotted with the latitude, the longitude lines clearly marked and showing a scale of statute kilometers.

(b) Transmitter location and call letters of all AM broadcast stations within 2 miles of the proposed antenna location.

14. If there are any FM or TV stations within 200 feet of proposed antenna or non-broadcast radio stations (*except amateur and citizens band*), or established commercial and government receiving stations in the general vicinity which may be adversely affected by the proposed operation, attach as Exhibit No. N/A the expected effect, a description of remedial steps that may be pursued if necessary, and a statement from the applicant accepting full responsibility for the elimination of any objectionable effect on existing stations.

15. Tabulation of Terrain Data. *(Calculated in accordance with the procedure prescribed in Section 73.313 of the Commission's Rules utilizing 7.5 minute topographic maps, if available.)*

Radial bearing *(degrees true)*		Height of antenna, radiation center above average elevation of radial (3-16 kilometers)		Predicted Distance To the 1 mV/m contour	Power in dbk
	feet	Meters	miles	Kilometers	
0°	333	101.5	9.3	15.0	-4.0
45°	355	108.2	7.2	11.6	-9.1
90°	290	88.4	4.5	7.2	-15.8
135°	326	99.4	4.7	7.6	-15.3
180°	300	91.4	4.7	7.6	-15.1
225°	180	54.9	5.5	8.9	-7.7
270°	69	21.0	5.2	8.4	-3.5
315°	350	106.7	9.7	15.6	-3.4

Note: Distance to the 60 dbu contour is based on power for vertical polarization.

Allocation Studies

(See Subpart C of Part 73 of the Commission's Rules and Regulations)

16. Is the proposed antenna location within 320 kilometers (199 miles) of the common border between the United States and Mexico?

☐ Yes ☒ No

If Yes, attach as Exhibit No. N/A a showing of compliance with all provisions of the Agreement between the United States of America and the United Mexican States concerning Frequency Modulation Broadcasting in the 88 to 108 MHz band.

17. With regard to stations within 320 kilometers (199 miles) of the common border between the United States and Mexico, attach as Exhibit No. N/A information required in 1/.

18. If the proposed operation is for a channel in the range from channel 201 through 220 (88.1 through 91.9 MHz), then with regard to stations more than 320 kilometers (199 miles) from the common border between the United States and Mexico or if this proposed operation is for a class D station in the range from Channel 221 through 300 (92.1 through 107.9 MHz), attach as Exhibit No. * a complete allocation study to establish the lack of prohibited overlap of contours involving these stations. The allocation study should include the following:

*Please see the attached Engineering Exhibit.

(a) The normally protected interference-free and the interfering contours for the proposed operation along all azimuths.
(b) Complete normally protected interference-free contours of all other proposals and existing stations to which objectionable interference would be caused.
(c) Interfering contours over pertinent arcs of all other proposals and existing stations from which objectionable interference would be received.
(d) Normally protected and interfering contours over pertinent arcs, of all other proposals and existing stations, which require study to show the absence of objectionable interference.
(e) Plot of the transmitter location of each station or proposal requiring investigation, with identifying call letters, file numbers and operating or proposed facilities.
(f) When necessary to show more detail, an additional allocation study will be attached utilizing a map with a larger scale to clearly show interference or absence thereof.
(g) A scale of miles and properly labeled longitude and latitude lines, shown across the entire (Exhibit(s). Sufficient lines should be shown so that the location of the sites may be verified.
(h) The name of the map(s) used in the exhibit(s).

1/ A showing that the proposed operation meets the minimum distance separation requirements. If any separations are proposed that are less than the applicable minimum separation requirements plus 15 kilometers, include these stations. Also include existing stations, proposed stations, and cities which appear in the Table of Assignments; the location and geographic coordinates of each antenna, proposed antenna or reference point, as appropriate; and distance to each from proposed antenna location.

19. Is the proposed antenna location within 320 kilometers of the common border between the United States and Canada? ☐ Yes ☒ No

If Yes, attach as Exhibit No. N/A a showing of compliance with all provisions of the Working Agreement for Allocation of FM Broadcasting Stations on Channels 201-300 under The Canada-United States FM Agreement of 1947.

20. With regard to station separated by 53 or 54 channels (10.6 or 10.8 MHz) attach as Exhibit No. N/A information required in 1/*(separation requirements involving intermediate frequency [i.f.] interference).*

21. Is the proposed operation on Channel 218, 219 or 220? ☐ Yes ☒ No

If Yes, attach as Exhibit No. N/A information required in 1/ regarding separation requirements with respect to stations on Channels 221, 222, and 223.

22. Is the proposed station for a channel in the range from Channel 201 to 221 (88.1-91.9 MHz) and the proposed antenna location within the Grade B contour of a channel 6 television station or sufficiently near the Grade B contour that a question of interference to channel 6 may be raised? ☒ Yes ☐ No

If Yes, attach as Exhibit No. * a map showing the Grade B contour of the television station and the proposed antenna location. Also include discussion of the possibility of interference to the Channel 6 station and the steps proposed to remedy any interference which may occur. *Please see the attached Engineering Exhibit.

23. Is the proposed station for a channel in the range from Channel 221 to 300 (92.1-107.9 MHz)? ☐ Yes ☒ No

If Yes, attach as Exhibit No. N/A information required in 1/ *(Except for class D [secondary] proposals.)*

24. If the proposed antenna location is in or near a populated area, attach Exhibit No. * a discussion of blanketing and the steps proposed to remedy any interference which may occur.

*Please see the attached Engineering Exhibit.

25. Environmental Statement, See Part I, Subpart 1 of the Commission's Rules.

Would a Commission grant of this application be a major action as defined by Section 1.1305 of the Commission's Rules? ☐ Yes ☒ No

If Yes, attach as Exhibit No. N/A a narrative statement in accordance with Section 1.1311 of the Commission's Rules.

If No, explain briefly. Antenna support is less than 300 feet above ground level. Proposal meets non-ionizing radiation rules.

I certify that I represent the applicant in the capacity indicated below and that I have examined the foregoing statement of technical information and that it is true to the best of my knowledge and belief.

April 16, 1986
Date

Edward F. Perry, Jr.
Name

Signature *(check appropriate box below)*

P.O. Box AA
Address *(include ZIP Code)*

Duxbury, MA 02331

(617)585-9200
Telephone No. *(include Area Code)*

☐ Technical Director ☐ Registered Professional Engineer ☐ Chief Operator

☒ Technical Consultant ☐ Other *(Specify)*

Section V-G **Antenna and Site Information**

Name of Applicant	Call Sign	Station Location
Haverford-Bryn Mawr Broadcasting, Inc.	- -	Haverford, Pennsylvania

Purpose of Application (Put "X" in appropriate box)	Facilities Requested
☒ New antenna construction ☐ Alteration of existing antenna structure ☐ Change in location	88.5 MHz, FM Channel 203A 460 watts vertical only +275 feet, 83.8 M, HAAT

1. Location of Antenna:

State	County	City or Town
Pennsylvania	Delaware	Villanova

Exact antenna location (*street address*). If outside city limits, give name of nearest town and distance and direction of antenna from town.

St. Mary's Hall on the campus of Villanova University, Spring Mill Road.

Geographical coordinates (*to nearest second*). For directional antenna give coordinates of center of array. For single vertical radiator give tower location.

North Latitude	West Longitude
40 ° 02 ' 26 "	75 ° 20 ' 26 "

2. Is the proposed site the same transmitter-antenna site of other stations authorized by the Commission or specified in another application pending before the Commission? ☐ YES ☒ NO

If Yes, give call sign: N/A

3. Has the FAA been notified of proposed construction? ☐ YES ☒ NO
If Yes, give date and office where notice was filed.

4. List all landing areas within 5 miles of antenna site. Give distance and direction to the nearest boundary of each landing area from the antenna site.

	Landing Area	Distance	Direction
(a)	Wings Airport	7.5 miles	Northeast
(b)			
(c)			

5. Attach as Exhibit No. * a description of the antenna system, including whether tower(s) are self-supporting or guyed. If a directional antenna, give spacing and orientation of towers. *20-foot tower erected on the roof of an existing 60-foot building. Tower will support a 2-bay FM antenna.

Tower		#1	#2	#3	#4	#5	#6
Overall height above ground (include obstruction lighting)	meters	24.4					
	feet	80					
Overall height above mean sea level (include obstruction lighting)	meters	166.1					
	feet	545					

6. Attach as Figure 1 a vertical plan sketch for the proposed total structure (including supporting building, if any) giving heights above ground in feet and meters for all significant features. Clearly indicate existing portions, noting lighting, and distinguish between the skeletal or other main supporting structure and the antenna elements.

I certify that I represent the applicant in the capacity indicated below and that I have examined the foregoing statement of technical information and that it is true to the best of my knowledge and belief.

Edward F. Perry, Jr.
Name

Signature (*Check appropriate box below*)

P.O. Box AA
Address (*include ZIP Code*)

Duxbury, MA 02331

(617)585-9200
Telephone No. (*Include Area Code*)

☐ Technical Director ☐ Registered Professional Engineer ☐ Other (*specify*)

☒ Technical Consultant ☐ Chief Operator

EDUCATIONAL FM ASSOCIATES • 19 Bolas Road • Duxbury, Massachusetts 02332
Telephone: (617) 585-9200

ENGINEERING EXHIBIT

1. INTROUDCTION

This Engineering Exhibit was prepared by Educational FM Associates on behalf of Haverford-Bryn Mawr Broadcasting, Inc., applicant for a new Class A educational FM broadcast station in Haverford, Pennsylvania. This report is fully responsive to Sections V-B and V-G of FCC Form 340 and the data contained herein clearly demonstrates that the facilities requested are in conformity with the technical allocation standards of the Federal Communications Commission.

2. FACILITIES REQUESTED

Haverford-Bryn Mawr Broadcasting, Inc. requests authority to construct a new Class A educational FM broadcast station at Haverford, Pennsylvania to operate on FM Channel 203A, 88.5 MHz, using a directional antenna which produces a maximum effective radiated power of 460 watts for vertical polarization only. No horizontal component is proposed so as to ensure compliance with Section 72.525 of the Commission's rules relating to Channel 6 television interference. The proposed antenna radiation center will be 75 feet above ground level and 275 feet above average terrain. The proposed station will share transmitting facilities and operating time with a new station being contemporaneously proposed at Villanova, Pennsylvania by Villanova University.

3. SITE INFORMATION

The proposed antenna will be located on a 20-foot mast to be erected on top of St. Mary's Hall, an existing 60-foot high building located on the campus of Villanova University. Figure 1 illustrates the antenna mounting arrangement proposed. Figure 3 locates the proposed site on a portion of the Norristown, Pennsylvania USCGS 7.5 Minute Quadrangle Map.

4. ANTENNA INFORMATION

The antenna proposed will be custom fabricated to achieve the proposed pattern for vertical polarization. However, the pattern specified is a simple cardiod design which is available on a stock basis for horizontal polarizartion from a number of manufacturers. The directional antenna will be mounted so that the radiation center will be located 540 feet above mean sea level and 275 feet above average terrain.

5. DETERMINATION OF ANTENNA HEIGHT ABOVE AVERAGE TERRAIN

Average elevation of the terrain surrounding the transmitter site was determined by means of procedures prescribed in Paragraph 73.313(d) of the Commission's rules. Eight radials, one for every 45 degress of horizontal azimuth, extending 16 kilometers from the proposed antenna site were examined. Measured radials appear on Figure 2 which

also illustrates the location of the proposed 60 dbu service contour. The following 7.5 Minute United States Coast and Geodetic Topographic Survey Quadrangles for the Villanova, Pennsylvania area were used to read elevations. They are not submitted as part of this Engineering Exhibit but have been retained in our files and will be made available to the Commission upon request.

Map	Radials in °True
Norristown, PA	0, 45, 90, 135, 180, 225, 270, 315
Lansdale, PA	0
Germantown, PA	45, 90
Ambler, PA	45
Philadelphia, PA	135
Lansdowne, PA	135, 180
Valley Forge, PA	225, 270, 315
Malvern, PA	270
Media, PA	225
Collegeville, PA	315

Terrain features for a distance of 16 kilometers along each radial were examined and data for areas between 3 and 16 km. from the transmitter site was used to compute the average terrain elevation. Profile graphs can be supplied on request. To ensure an accurate representation, 81 equidistant points of elevation were selected on each radial for distances between 3 and 16 kilometers. five and ten-foot contour intervals were used to read and define elevation points. Average terrain on the eight

radials considered is 265 feet above mean sea level. The antenna will be located on a 60-foot building topped by a 20-foot mast, the top of which will be 545 feet above mean sea level. The antenna radiation center will be located 5 feet from the top of the mast, 540 feet above mean sea level and 275 feet above average terrain.

6. ALLOCATION STUDY

Locations of the pertinent service and interference contours were calculated as specified in Section 73.509 of the rules of the Federal Communications Commission. Distance between facilities was obtained from measurements made on copies of the Sectional Aeronautical Charts of the area. All distances were verified using procedures detailed in Section 73.207(c) of the Commission's Rules.

The published F(50,10) curves were used to locate interference contours which fell more than 10 miles from the station involved. The F(50,50) curves were used to locate service contours and all other contours reaching less than 10 miles.

When a facility under study was authorized greater than Class D facilities, the actual height of the antenna above average terrain was taken into account when locating signal contours. When, as in most cases, the direct radial from the station under study to the proposed site was not one of those for which a height above average terrain was

determined, the average terrain for the direct bearing between stations was interpolated arithmetically from data given for radials on either side.

7. DETAILED CO-CHANNEL AND ADJACENT CHANNEL STUDY

Table 1 lists facilities studied to determine that no objectionable interference will be created or received by the facilities proposed herein.

Table 1

Detailed Allocation Study

Channel	Station	Location	Distance in Miles	
			Actual	Required
201D	WPEB	Philadelphia, PA	9.1	5.2[1]
201D	WBEK	Cherry Hill, NJ	23.4	5.1[1]
202B	WBGO	Newark, NJ	78.2	55.5[2]
203B	WAMU	Washington, DC	120.7	91.0[2]
203D	WRRC	Lawrenceville, NJ	35.9	12.3[1]
204D	WLIU	Lincoln University,PA	34.9	8.3[1]
205A	WXPN	Philadelphia, PA	9.7	9.5[3]

Notes: Required separation was based on the proposed facilities and on the following assumptions for the other stations involved.

[1]For All Class D stations: -20dbk erp at 100 feet HAAT. 80 dbu = 0.5 mi.; 54 dbu = 2.8 mi.; 40 dbu = 6.3 mi. Class D stations are not protected against interference from Class A facilities; therefore, the 60 dbu Class D contour is not pertinent.

[2]For WAMU and WBGO: Maximum Class B facilities of +17 dbk at 500 feet HAAT. 54 dbu = 48.5 mi.; 40 dbu = 85.5 mi.

[3]For WXPN: Please refer to the following paragraph.

8. SPECIAL CONSIDERATIONS RELATING TO WXPN

Figure 2 illustrates the location of the pertinent contours for both WXPN and the proposed station. As shown on the map, no prohibited overlap of contours will occur. The location of WXPN's 80 and 60 dbu contours was based on the parameters shown in Table 2.

Table 2

Location of WXPN Contours

Bearing(°T)	Power in dbk	HAAT in feet	Distance in Miles 80 dbu	Distance in Miles 60 dbu
270	+2.8	218	3.5	10.9
280	+2.8	193	3.2	10.3
290	+2.8	168	3.0	9.5
300	+2.8	143	2.8	8.7
310	+2.8	118	2.5	8.0
315	+2.8	105	2.3	7.5
320	+2.8	110	2.4	7.7
330	+2.8	121	2.6	8.1
340	+2.8	132	2.7	8.4
350	+2.8	143	2.8	8.7
000	+2.8	153	2.9	9.2

9. CHANNEL 6 TELEVISION PROTECTION

Section 73.525 of the Commission's rules requires the proposed station to protect Channel 6 television stations against excessive (more than 3,000 affected persons) interference. As illustrated herein, the proposed technical facilities meet that requirement.

a. Affected Channel 6 Television Station

The only affected Channel 6 television station is WPVI-TV in Philadelphia, PA. WPVI is located 5.3 miles from the proposed FM antenna. The predicted WPVI field is in excess of 90 dbu in all areas where interference could occur.

b. Calculation of FM Channel 6 TV Interference Contours

Since the predicted WPVI field is in excess of 90 dbu in all areas where interference from the proposed FM station could occur, a uniform Channel 6 field of 90 dbu was used for all calculations of interference areas. Figure 1 in Section 73.525 of the Commission's rules mandates an FM-to-Channel 6 undesired-to-desired (U/D) ratio of -4.0 db for a Channel 6 field of 90 dbu or greater from an FM station operating on Channel 203. Therefore, the unadjusted FM interference contour is 86.0 dbu. The rules provide for an additional adjustment of 6.0 db across certain arcs to compensate for TV receiving antenna directivity. However, that adjustment is not pertinent in this case since only vertical polarization is proposed.

c. Calculation of 86.0 dbu Interference Contour Based Only On Vertical Polarization

Figure 3 locates the FM-to-Channel 6 interference contour based on the vertical power shown in Figure

5 divided by either 10 or 16. The power was divided by 10 where the predicted interference would occur in Lower Merion Township, Pennsylvania which had a 1980 population of more than 50,000 persons and by 16 where the interference occurred in Radnor Township, Pennsylvania with a 1980 population of fewer than 50,000 persons. The adjusted interference contours are, therefore, 96 dbu and 104 dbu. There are two accepted methods for computing the distance to these contours. The F(50,50) curves begin at 1.5 kilometer and contour distances less than 1.5 kilometer must be estimated. The free space field equation is appropriate where contour distances fall very close to the station but does not take local attenuation factors into account. Here, neither method is perfect. However, to ensure a "worst case" presentation we have predicted interference area to Channel 6 based on the standard VHF free-space field formula

$$D = \frac{\sqrt{P} \times 23.012}{E}$$

D = Distance in feet
P = Power in watts
E = Interfering field in v/m (.631 mv or 0.158.5 mv depending on contour desired)

Table 3 gives the distance to the interference contours.

Table 3

Distance to Channel 6 Interference Contours

Bearing(°T)	Power in Watts	Interference Contour	Distance in Feet
000	398	96 dbu	5280 *
045	122	96 dbu	4028
090	26	96 dbu	1860
135	29	96 dbu	1964
180	31	104 dbu	808
225	168	104 dbu	1882
270	451	104 dbu	3083
315	455	104 dbu	3097

* NOTE - CONTOUR DISTANCE ON THIS RADIAL BASED ON F(50-50) CURVES WHICH APPLY TO THIS DISTANCE.

d. Calculations of Interference Population

The map shown in Figure 3 illustrates areas where interference to Channel 6 reception from the proposed FM station is predicted. All of the interference area lies inside the Townships of Lower Merion or Radnor, Pennsylvania. An estimate of the number of persons affected was developed based on an approximate number of dwelling units in the affected area. Approximately 425 homes are affected which, according to 1980 U.S. Census figures can be expected to contain 1400 people. The facilities proposed are, therefore, in full compliance with the requirements of Section 73.525 of the Commission's rules in that fewer than 3,000 persons will receive predicted Channel 6 interference from the proposed station.

10. ALLOCATION CONCLUSION

The Class A facilities proposed by the applicant will neither create nor receive interference with respect to any authorized or proposed radio or television broadcast station. The proposal is, therefore, in full compliance with the technical allocation standards of the Federal Communications Commission as they relate to educational FM broadcast assignments.

11. BLANKETING INTERFERENCE

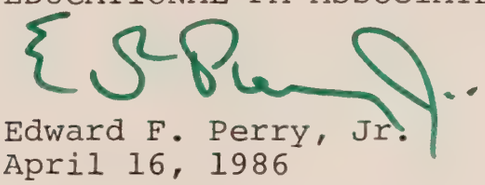
The proposed antenna site is located on the campus of Villanova University in a relatively unpopulated area. The 115 dbu blanketing interference contour reaches a maximum of only 877 feet and no severe blanketing problem is anticipated. However, should any electrical interference develop, the applicant will comply fully with the Commission's policies and guidelines in assisting those residents experiencing reception problems as a result of the new operation proposed here.

12. COMPLIANCE WITH FCC-SPECIFIED GUIDELINES FOR HUMAN EXPOSURE TO RADIOFREQUENCY RADIATION

The proposed FM antenna will be mounted on a tower 6.1 meters in height located on top of an 18.3 meter high building. The radiation center will be 22.9 meters above ground and 4.6 meters above the roof of the building. The proposed station will operate with a maximum vertical power of 0.46 kilowatt. OST Bulletin No. 65 published in October,

1985 by the Federal Communications Commission Office of Science and Technology entitled "Evaluating Compliance With FCC-Specified Guidelines for Human Exposure to Radiofrequency Radiation" specifies several ways in which compliance can be tested. Here, Table 1 in Appendix B to this Bulletin indicates that the FM antenna radiation center would have to be 4.1 meters above ground level or above the roof to achieve compliance. It is, therefore, clear from inspection that the proposed FM facilities will not create a power density in excess of that permitted by the ANSI Guidelines anywhere on the ground or on the roof of the building.

Respectfully submitted,
EDUCATIONAL FM ASSOCIATES



Edward F. Perry, Jr.
April 16, 1986

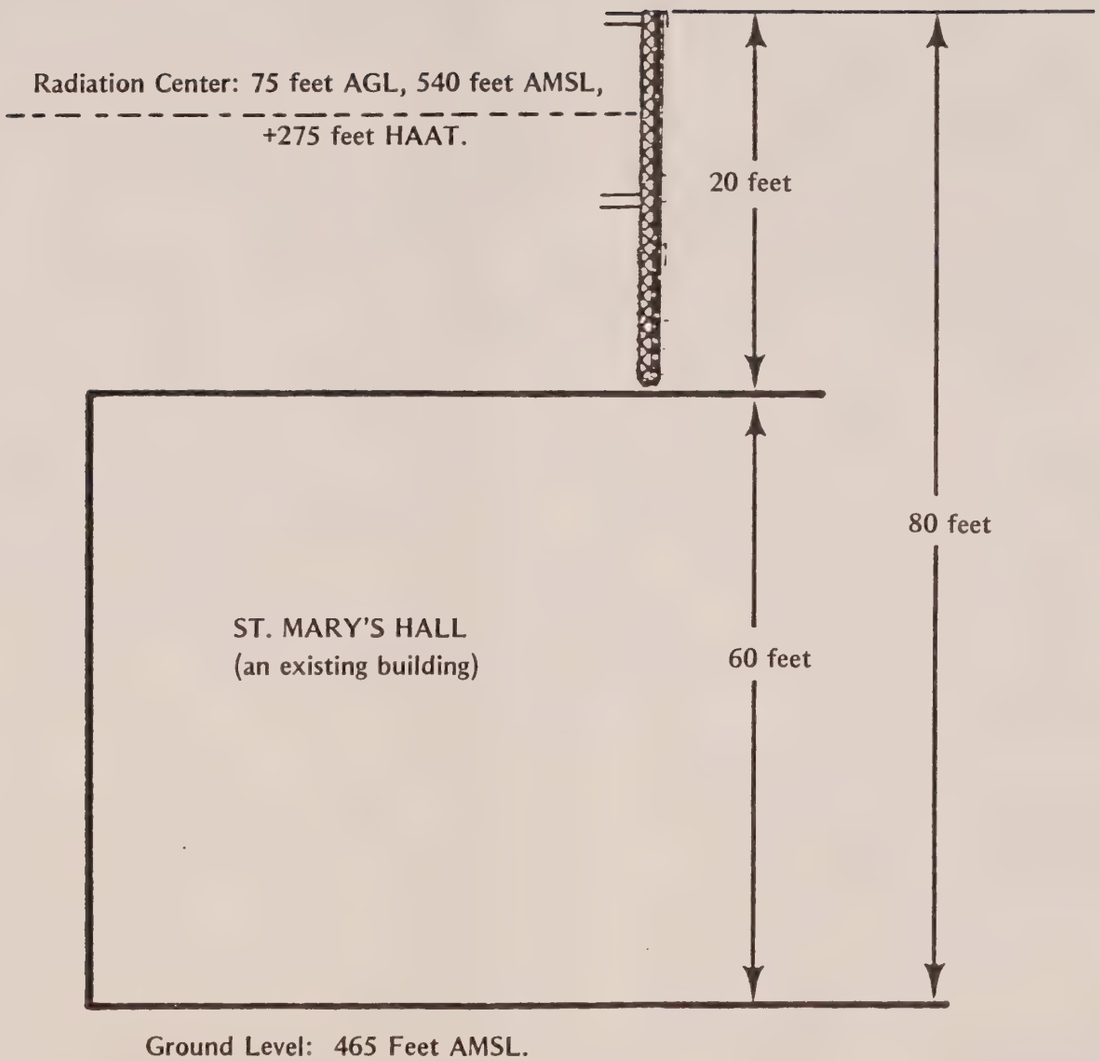


Figure 1. Antenna Sketch.

Figure 2. Location of Proposed 60 dbu Contour.

PROPOSED ANTENNA SITE
Channel 6 TV Interference Contour
Radnor
St Davids
Radnor Sta
Willowburn
Villanova
Ithan
Garrett Hill
Rosemont
Rosemont Sta
Bryn Mawr
Bryn Mawr Sta
Haverford
HAVERFORD COLLEGE
BRYN MAWR COLLEGE
VILLANOVA UNIVERSITY
County Line Sta
Harriton High Sch
Merion Cricket Club
Radnor Valley Country Club
Overbrook Golf Club
St Edmunds Home
St Aloysius Academy
Glencoe Children's Village
Baptist Institute
Booth Sch
Ithan Sch
Coopertown Sch
Friends Sch
Baldwin Sch
Hospital
Playground
Fire Sta
Library
PENN CENTRAL
SUBURBAN
MONTGOMERY
DELAWARE CO
LANCASTER 49 MI.
WAYNE 0.8 MI
Meadowbrook
Cobbs Creek
Darby Creek
Mill Creek
Dove Lane
Trout Run
Ithan Creek
Browns Run
Crow Run
Gulph Creek
Eagle Road
Lancaster Ave
Old Lancaster Rd
Railroad
Conestoga Rd
Sproul Rd
Roberts Road
Godfrey Rd
Clyde Road
Hillbrook Rd
Williamson Rd
Morris Rd
Gulph Road
Ithan Road
Penn Central
Aubrey Ave
Cricket Ave
Simpson Ave
Linwood Ave
Aromore Ave
Holland Ave
Cheswold Ln
Martin Ave
Booth Ln
Rose Ln
Avon Rd
Fishers Ln
Airedale Rd
Kentworth La
Lowrys La
Meadowbrook Rd
Philadelphia Ave
Spring Ave
Old Rr Grade
Glen Mar Rd
Matson Ln
Hares Ln
Kirks Road
Boxwood Rd
Baily Rd
Roberts Rd
Mill Mawr Ln
Deer Lane
Lee Circle
Stockton Rd
Morlyn Rd
Buck Rd
Turnbridge Rd
College Ln
Highland Rd
Cricket Ln
Valley Rd
Mill Rd
Old Mill Rd
Old Rd
Old Gulph Rd
Old Lancaster Rd
Railroad Ave
Ithan Ave
Bryn Mawr Ave
Lancaster Ave
Williamson Ave
Morris Ave
Gulph Ave
Penn Central
Sproul Rd
Roberts Rd

Table 4

Proposed Vertically Polarized Antenna Field Pattern

Bearing(°T)	Field	Power in watts	Power in dbk
0	0.930	398	-4.0
10	0.860	340	-4.7
20	0.760	266	-5.8
30	0.655	197	-7.0
40	0.560	144	-8.4
45	0.515	122	-9.1
50	0.470	102	-9.9
60	0.390	70	-11.6
70	0.310	44	-13.5
80	0.260	31	-15.1
90	0.240	26	-15.8
100	0.235	25	-16.0
110	0.240	26	-15.8
120	0.250	29	-15.4
130	0.255	30	-15.2
135	0.253	29	-15.3
140	0.250	29	-15.4
150	0.240	26	-15.8
160	0.235	25	-16.0
170	0.240	26	-15.8
180	0.260	31	-15.1
190	0.310	44	-13.5
200	0.390	70	-11.6
210	0.470	102	-9.9
220	0.560	144	-8.4
225	0.605	168	-7.7
230	0.655	197	-7.0
240	0.760	266	-5.8
250	0.860	340	-4.7
260	0.930	398	-4.0
270	0.990	451	-3.5
280	1.000	460	-3.4
290	0.970	433	-3.6
300	0.985	446	-3.5
310	1.000	460	-3.4
315	0.995	455	-3.4
320	0.985	446	-3.5
330	0.970	433	-3.6
340	1.000	460	-3.4
350	0.990	451	-3.5

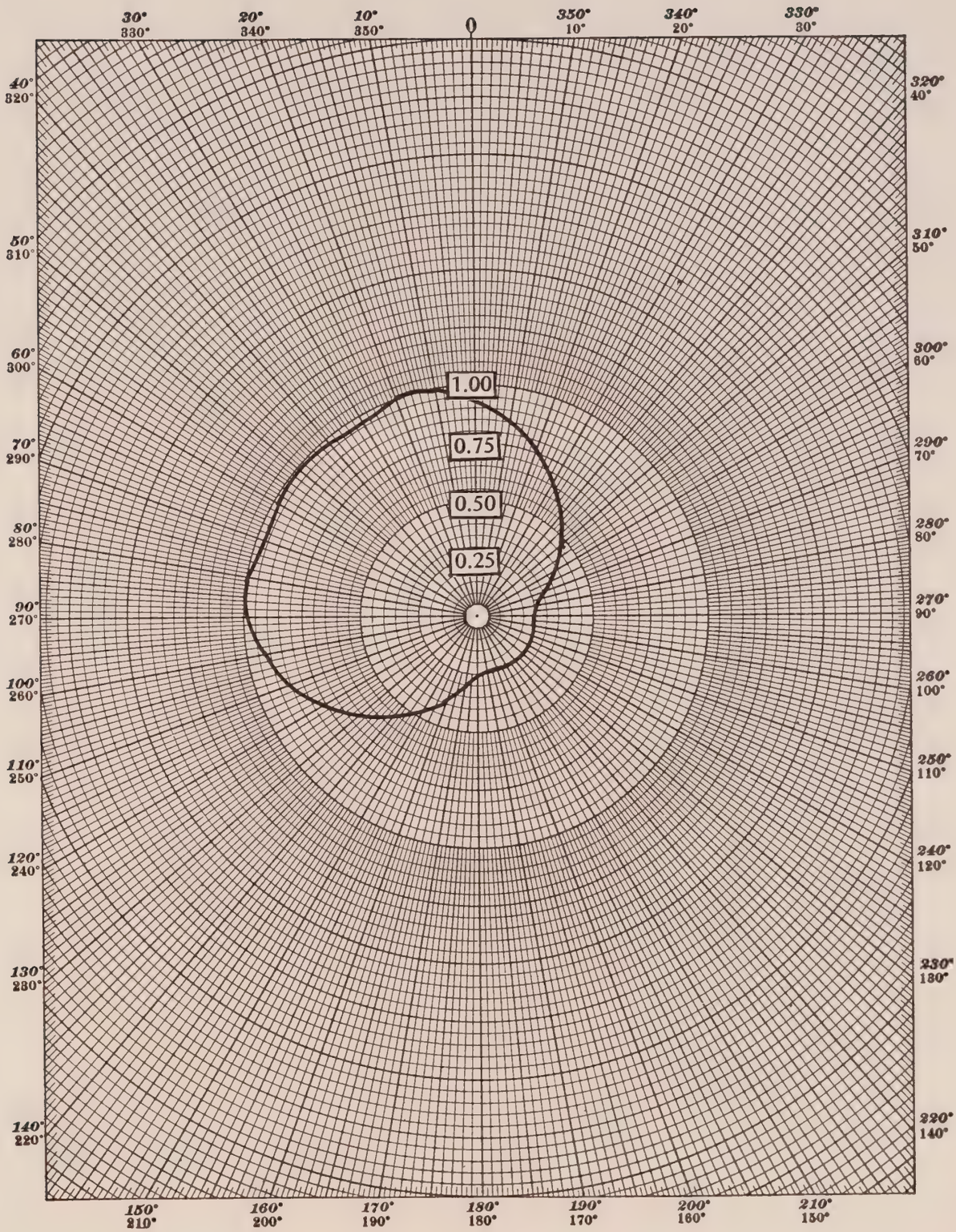


Figure 4. Proposed Vertically Polarized Antenna Field Pattern.

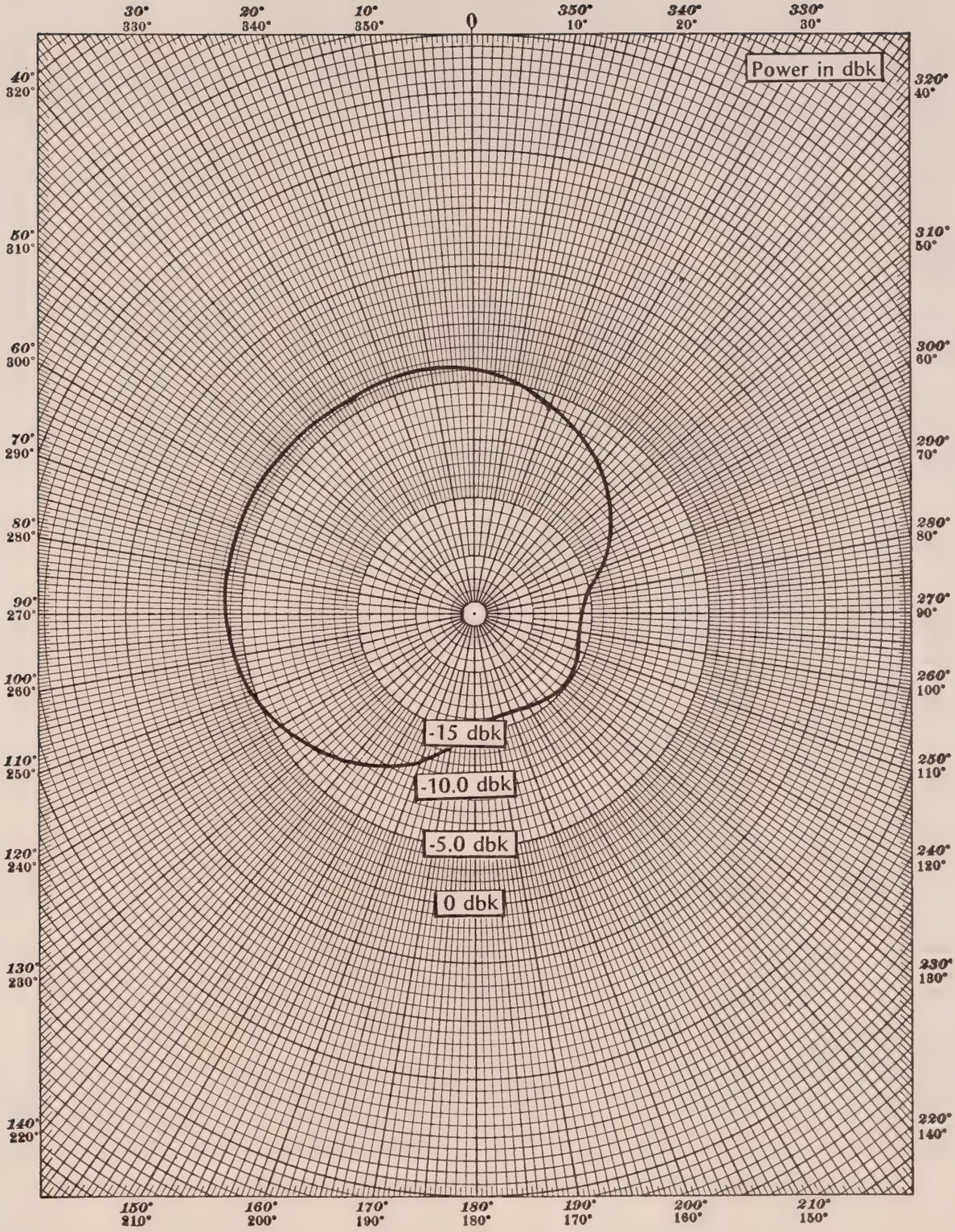


Figure 5. Proposed Vertically Polarized Antenna Power Pattern.

United States of America
Federal Communications Commission
Washington, D.C. 20554

Approved by OMB
3060-0034
Expires 9/30/87

APPLICATION FOR CONSTRUCTION PERMIT FOR NONCOMMERCIAL EDUCATIONAL BROADCAST STATION

*(Carefully read instructions before filling out Form—***RETURN ONLY FORM TO FCC***)*

For Commission Use Only

File No.

Section I **General Information**

1. Name of Applicant

HAVERFORD-BRYN MAWR BROADCASTING INCORPORATED

Street Address

HAVERFORD COLLEGE

City: HAVERFORD | State: PA | ZIP Code: 19041 | Telephone No. (*Include Area Code*): (215)649-1200

Send notices and communications to the following named person at the address below:

Name

MARGARET RUSSELL

Street Address

HAVERFORD COLLEGE c/o WHRC

City: HAVERFORD | State: PA | ZIP Code: 19041 | Telephone No. (*Include Area Code*): (215)649-1200

2. This application is for: ☐ AM ☐ FM ☐ TV

(a) Channel No. or Frequency: 88.5 mHz

(b) Community of license:

City: HAVERFORD | State: PA

(c) Check one of the following boxes:

- ☒ Application for new station
- ☐ Major Change in Existing station; call sign: _____
- ☐ Minor Change in Existing station; call sign: _____
- ☐ Modification of Construction Permit; File No. of CP: _____
- ☐ Amendment to Pending Application; Reference Number (ARN): _____

NOTE: It is not necessary to use this form to amend a previously filed application. Should you do so, however, please submit only Section I and those other portions of the form that contain the amended information.

3. Is this application mutually exclusive with a renewal application?

☐ YES ☒ NO

If Yes, State: Call letters: Community of license:

City: State:

Name of Applicant HAVERFORD - BRYN MAWR BROADCASTING INCORPORATED

1. (a) Applicant is: (*Check one box below*)

- ☐ a general partnership operating on a nonprofit basis
- ☐ a limited partnership operating on a nonprofit basis
- ☐ a governmental or public educational agency or institution
- ☒ a nonprofit corporation
- ☐ Other (*specify*)

If the applicant is an unincorporated association or a legal entity other than a partnership, nonprofit corporation, or a governmental or public educational agency or institution, describe in Exhibit No. ____ the nature of the applicant.

(b) Is there any provision contained in any by-laws, articles of incorporation, partnership agreement, charter, statute or any other document which would restrict the applicant in advancing an educational program or complying with any Commission rule, policy or provision of the Communications Act of 1934, as amended. ☐ YES ☒ NO

If Yes, provide particulars as Exhibit No. ____ .

(c) Does the applicant certify that copies of all pertinent documents set out in (b) are in the public inspection file? ☐ YES ☐ NO

Describe in Exhibit No. 2 how the proposed station will be used for the advancement of an educational program. This does apply if applicant is applying for change in facilities.

Citizenship And Other Statutory Requirements

2. (a) Is the applicant in compliance with the provisions of Section 310 of the Communications Act of 1934, as amended, relating to interests of aliens and Foreign governments? ☐ YES ☒ NO

(b) Will any funds, credits, etc., for the construction, purchase or operation of the station be provided by aliens, foreign entities, domestic entities controlled by aliens, or their agents? ☐ YES ☒ NO

If yes, provide particulars as Exhibit No. ____ .

3. (a) Has an adverse finding been made, adverse final action taken or consent decree approved by any court or administrative body as to the applicant or any party to the application in any civil or criminal proceeding brought under the provisions of any law related to the following subjects: Any felony, antitrust, unfair competition, fraud, unfair labor practices or discrimination? ☐ YES ☒ NO

(b) Is there now pending in any court or administrative body any proceeding involving any of the matters referred to in (a)? ☐ YES ☒ NO

If the answer to (a) or (b) above is Yes, attach as Exhibit No. ____ , a full disclosure concerning the persons and matters involved, identifying the court or administrative body and the proceeding *(by dates and file numbers)*, stating the facts upon which the proceeding was based or the nature of the offense committed, and disposition or current status of the matter.

Applicants are reminded that questions 4 through 5 of this Section must be completed as to all "parties to this application" as that term is defined in the instructions to Section II of this form.

Table I Parties To Application

4. Complete Table I with respect to all parties to this application.

(Note: If the applicant considers that to furnish complete information would pose an unreasonable burden, it may request that the Commission waive the strict terms of this requirement with appropriate justification)

INSTRUCTIONS: If applicant is partnership, fill out columns (a), (b), and (d), stating as to each general or limited partner (*including silent partners*): (a) name and residence, (b) nature of partnership interest (*i.e., general or limited*), and (d) percent of ownership interest. If applicant is a corporation or an unincorporated association with 50 or fewer stockholders, stock subscribers, holders of membership certificate or other ownership interest, fill out all columns, giving the information requested as to all officers, directors and members of governing board. In addition, give the information as to all persons or entities who are the beneficial or record owners of or have the right to vote capital stock, membership or ownership interests or are subscribers to such interests. If the applicant has more than 50 stockholders, stock subscribers or holders of membership certificates or other ownership interests, furnish the information as to officers, directors, members of governing board, and all persons or entities who are the beneficial or record owners of or have the right to vote 1% or more of the capital stock, membership or ownership interest. If applicant is governmental or public educational agency or institution, fill out columns (a) and (c) as to all members of the governing board and chief executive.

Name and Residence Address(es)	Nature of Partnership Interest or Office Held	Director or Member of Governing Board		% of: Ownership (O) or Partnership (P) or Voting Stock (VS) or Membership (M)
		YES	NO	
(a)	(b)	(c)		(d)
	SEE ATTACHED SHEET			

5. Has the applicant or any party to this application had any interest in:

(a) a broadcast application which has been dismissed with prejudice by the Commission? ☐ YES ☒ NO

(b) a broadcast application which has been denied by the Commission? ☐ YES ☒ NO

(c) a broadcast station, the license of which has been revoked? ☐ YES ☒ NO

(d) a broadcast application in any Commission proceeding which left unresolved character issues against that applicant? ☐ YES ☒ NO

(e) If the answer to any of the questions above is Yes, attach Exhibit No. ____ , stating the following information:

(1) Name of party having such interest;
(2) Nature of interest or connection, giving dates;
(3) Call letters of stations or file number of application, or docket number;
(4) Location.

Ownership and Control

6. Are there any documents, instruments, contracts, or understandings relating to ownership or future ownership rights (*including, but not limited to, non-voting stock interests, beneficial stock ownership interest*) or control? ☒ YES ☐ NO

If Yes, provide particulars as Exhibit No. 3 .

7. Do documents, instruments, agreements or understandings for the pledge of stock of a corporate applicant, as security for loans or contractual performance, provide that (a) voting rights will remain with the applicant, even in the event of default on the obligation; (b) in the event of default, there will be either a private or public sale of the stock; and (c) prior to the exercise of stockholder rights by the purchaser at such sale, the prior consent of the Commission [*pursuant to 47 U.S.C. 310(d)*] will be obtained? ☐ YES ☒ NO

If No, attach as Exhibit No. 3 , a full explanation.

Section III **Financial Qualifications**

Note: If this application is for a change in an operating facility, **DO NOT** fill out this section.

1. Is this application contingent upon receipt of a grant from the National Telecommunications and Information Administration? ☐ YES ☒ NO

2. Is this application contingent upon receipt of a grant from a charitable organization, the approval of the budget of a school or university, or an appropriation from a state, county, municipality or other political subdivision? ☐ YES ☒ NO

NOTE: If either 1 or 2 is answered "Yes", your application cannot be granted until all of the necessary funds are committed or appropriated. In the case of grants from the National Telecommunications and Information Administration no further action on your part is required. If you rely on funds from a source specified in Question 2, *you must advise the F.C.C. when the funds are committed or appropriated.* This should be accomplished by letter amendment to your application, in triplicate, signed in the same manner as the original application, and clearly identifying the application to be amended.

3. Except as indicated in Questions Numbered 1 and 2 above, the applicant certifies that:

   (a) It has a reasonable assurance of present commitments from each donor, from each party agreeing to furnish capital, from each bank, financial institution or others agreeing to lend funds, and from each equipment supplier agreeing to extend credit: ☒ YES ☐ NO

   (b) It can and will meet all contractual requirements as to collateral, guarantees, and capital investments or donations: ☒ YES ☐ NO

   (c) It has determined that a reasonable assurance exists that all such sources (excluding banks, financial institutions, and equipment manufacturers) have sufficient net liquid assets to meet these commitments. ☒ YES ☐ NO

4. The applicant certifies, except as noted above, that sufficient net liquid assets are on hand or available from committed sources to construct and operate the requested facilities for three months without additional funds. ☒ YES ☐ NO

Section IV **Program Service Statement**

For AM, FM and TV Applications

Attach as Exhibit No. * a statement of the applicant's purpose and objective in establishing the proposed station and a statement of proposed program policies. If applicant already has such information on file, indicate file number and detail changes, if any.

*See exhibits 4,5,6,and 7.

C E R T I F I C A T I O N

This is to certify that the preceding Legal Notice will be published in a local newspaper as required by the rules of the Federal Communications Commission

Lionel Cassin, President
Haverford-Bryn Mawr Broadcasting, Inc.

L E G A L N O T I C E

Haverford-Bryn Mawr Broadcasting, Inc. has tendered an application to the Federal Communications Commission requesting a Construction Permit for a new Class A non-commercial FM broadcast station to operate on FM channel 203A, 88.5 MHz, at Haverford, Pennsylvania. The proposed station will utilize a directional antenna and will operate with a maximum effective radiated power of 460 watts from an antenna radiation center of 275 feet above average terrain. The proposed antenna will extend a total of 80 feet above ground level. The antenna and transmission facilities will be located at St. Mary's Hall on the campus of Villanova University, Spring Mill Road, Villanova, Pennsylvania. The studios are to be located on the campus of Haverford College, Haverford, Pennsylvania at a location to be determined. The proposed station will share transmission facilities and operating hours with a similar station being contemporaneously proposed by Villanova University. The officers and directors of the applicant are:

Mary-Lou Allen
Dorothy Blanchard
Thomas Gowen
John Wells Gould
Shirley Mason
Lionel Cassin
Justin Berlin

A copy of the application is on file for public inspection during normal business hours at Magill Library, Haverford College Campus, Haverford, Pennsylvania.

EXHIBIT INDEX

Ex. #	Section	Para	Prepared by	Title
2	II	2	Lionel Cassin (2)	President, H.B.M.B. Inc
3	II	3	Lionel Cassin (2)	President, H.B.M.B. Inc
4	II	11	Lionel Cassin (2)	President, H.B.M.B. Inc
5	IV	1	Lionel Cassin (2)	President, H.B.M.B. Inc
6	IV	2	Suzanne Meirowitz (2)	Programming Manager, WHRC
7	IV	4	Lionel Cassin (2)	President, H.B.M.B. Inc
8	IV	7,8	Lionel Cassin (2)	President, H.B.M.B. Inc
Engineering	V	All	Edward Perry (1)	Consulting Engineer

All exhibits have been reviewed by the current president of HBMBI.

Margaret S. Russell 4/28/86
Margaret S. Russell, pres.

EXHIBIT 2

The proposed station will provide training experience for the students who participate in its operation and will supplement and enrich the educational programs of Haverford and Bryn Mawr Colleges.

EXHIBIT 2

The proposed station will provide training experience for the students who participate in its operation and will supplement and enrich the educational programs of Haverford and Bryn Mawr Colleges.

EXHIBIT 3

12/26/84

Commonwealth of Pennsylvania

June 23, 1982

To All to Whom These Presents Shall Come: Greeting:

IN RE: "HAVERFORD-BRYN MAWR BROADCASTING, INC."

I, WILLIAM R. DAVIS, Secretary of the Commonwealth of the Commonwealth of Pennsylvania do hereby certify that the foregoing and annexed is a true and correct photocopy of Articles of Incorporation *which appear of record in this Department.*

IN TESTIMONY WHEREOF, I have hereunto set my hand and caused the seal of the Secretary's Office to be affixed, the day and year above written.

William R. Davis

Secretary of the Commonwealth

DSCB-60 (Rev. 2-79)

ld

82-29 299

ARTICLES OF INCORPORATION OF
HAVERFORD-BRYN MAWR BROADCASTING, INC.

In compliance with the requirements of 15 Pa. S. §7316 the undersigned, desiring to be incorporated as a non-profit corporation, hereby certifies that:

FIRST: The name of the Corporation is HAVERFORD-BRYN MAWR BROADCASTING, INC.

SECOND: The location and post office address of the initial registered office of the Corporation in this Commonwealth is Haverford College, Haverford, Pennsylvania 19041.

THIRD: The Corporation is incorporated under the Non-profit Corporation Law of the Commonwealth of Pennsylvania for the purpose of conducting exclusively charitable, religious, scientific, educational and literary activities within the meaning of Section 501(c)(3) of the Internal Revenue Code of 1954 (or the corresponding provision of any successor United States Internal Revenue Law) by:

(a) Organizing and operating a radio station to serve Haverford College, Bryn Mawr College and the surrounding communities with alternative, local interest and educational programming; and

(b) Providing the students of Bryn Mawr College and Haverford College

82-29 309

with the opportunity to learn about and participate in all phases of radio broadcasting.

The Corporation shall engage in all activities properly related to the foregoing, including the raising of funds from individuals, corporations and other organizations for financing the services to be provided.

FOURTH: All activities of the Corporation shall be subject to the following restrictions:

(a) No part of the activities of the Corporation shall be the carrying on of propaganda or attempting to influence legislation.

(b) The Corporation shall not participate in or intervene in (including the publishing or distributing of statements) any political campaign on behalf of any candidate for public office.

(c) The Corporation shall neither have nor exercise any power, nor shall it engage directly or indirectly in any activity that would invalidate its status (1) as a corporation which is exempt from federal income taxation as an organization described in Section 501(c)(3) of the Internal Revenue Code of 1954 or (2) as a corporation, contributions to which are deductible under Sections 170, 2055(a)(2), 2106(a)(2) and 2522(a)(2) of the Internal Revenue Code of 1954.

(d) The Corporation does not contemplate pecuniary gain or

profit, incidental or otherwise to its members or to any persons who are, from time to time, exercising the rights and powers of persons, and no part of the net income of the Corporation shall inure to the benefit of any such person, provided that the Corporation may pay reasonable compensation and may make other reasonable disbursements and distributions in the performance of its proper purposes.

FIFTH: The term for which the Corporation is to exist is perpetual.

SIXTH: The Corporation is organized upon a non-stock basis.

SEVENTH: The Corporation shall have no members.

EIGHTH: In the event of dissolution of the Corporation, all of its assets and property of every nature and description whatsoever remaining after payment of liabilities and obligations of the Corporation shall be paid over and transferred to a corporation or other entity exempt from tax as an exclusively charitable, educational, literary or scientific organization under Section 501(c)(3) of the Internal Revenue Code of 1954 (or the corresponding provision of any successor United States Internal Revenue Law) having substantially similar purposes and no portion of said assets and property shall inure to the benefit of any officer or

director of the Corporation or any enterprise organized for profit.

NINTH: The name and post office address of the incorporator is:

Name	Address
Lawrence W. D. Taylor	Haverford College Haverford, PA 19041

IN TESTIMONY WHEREOF, the incorporator has signed and sealed these Articles of Incorporation this first day of June, 1982.

Lawrence W. D. Taylor (SEAL)

Approved and filed in the Department of State on the 4th day of June, 1982.

William C. Davis
Secretary of the Commonwealth

bm

This is to certify that the attached By-Laws are a true and exact copy of those adopted by the incorporator (6/1/82), and the Board of Directors (6/7/82), of Haverford-Bryn Mawr Broadcasting, Inc.

Lionel Cassin, President,
Haverford-Bryn Mawr Broadcasting, Inc.

BY-LAWS

OF

HAVERFORD-BRYN MAWR BROADCASTING, INC.

Article I

Board of Directors

Section 1. Number. The Board of Directors shall consist of eight persons.

Section 2. Term and Election. Each director shall serve for a term of one year and thereafter until a successor is appointed. Three directors shall be appointed by Haverford College. Three directors shall be appointed by Bryn Mawr College. At the annual meeting the six directors thus appointed shall elect two additional directors who shall be persons unaffiliated with either college who are residents of the communities surrounding the colleges. Vacancies in the board of directors shall be filled for the unexpired term in the same manner.

Section 3. Meetings. The board of directors shall meet at least twice each year. The annual meeting of the board of directors for the election of directors shall be held during the month of September or at such other time and at such place as the board may from time to time determine. Regular meetings of the board of directors shall be held at such time and place as the board may from time to time determine. Special meetings of the board may be called at any time by the chairman or not less than two directors. All meetings of the board of directors may be held within or without the Commonwealth of Pennsylvania.

Section 4. Notice. Written notice of the time and place of all meetings of the board shall be mailed or delivered at least five days in advance of the meeting.

Section 5. Quorum. One more than one-half of the board then in office shall constitute a quorum for the transaction of business at any meeting of the board.

Article II

Officers

Section 1. Officers Generally; Election. The officers of the corporation shall be a president, vice president, secretary, treasurer and such other officers as the board deems desirable, none of whom need be a member of the board of directors. The same person may hold any two or more offices. In addition to the powers and duties set forth in these By-Laws, each officer shall have such powers and duties as are usually related to their offices and as the board may determine by resolution. All officers shall be elected at the annual meeting by the newly constituted board and shall serve until a successor is elected.

Section 2. President. The president shall control and manage the property, business and affairs of the corporation subject to the policies and directions of the board.

Section 3. Vice President. The vice president shall assist the president in the performance of his duties and shall perform the duties of the president in the event of his absence, incapacity or death, subject to the policies and directions of the board.

Section 4. Secretary. The secretary shall keep the minutes of all meetings of the board and shall have charge and custody of the records of the board and the corporation.

Section 5. Treasurer. The treasurer shall have charge and custody of all funds of the corporation, shall maintain an accurate accounting system and shall present financial reports to the board in such manner as the board may from time to time determine.

Article III

Indemnification

Section 1. Right to Indemnification. The corporation shall indemnify any person who was or is a party or

threatened to be made a party to any threatened, pending or completed action, suit or proceeding either civil, criminal, administrative or investigative by reason of the fact that he is or was a director, officer or employee of the Company or is or was serving at the request of the corporation as a director, officer or employee of another organization against expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by him in connection with such action, suit or proceeding to the extent that such person is not otherwise indemnified and the power to do so has been or may be granted by statute. For this purpose the board of directors may, and on request of any such person shall be required to, determine in each case whether or not the applicable standards in any such statute have been met, or such determination shall be made by independent legal counsel if the board so directs or if the board is not empowered by statute to make such determination. No indemnification shall apply to acts of gross negligence or willful misconduct.

Section 2. Indemnification Not Exclusive. The foregoing indemnification shall not be deemed exclusive of any other right to which one indemnified may be entitled, both as to action in his official capacity and as to action in another capacity while holding such office, and shall inure to the benefit of the heirs, executors and administrators of any such person.

Section 3. Insurance and Other Indemnification. The board of directors shall have the power to (i) purchase and maintain, at the corporation's expense, insurance on behalf of the corporation and on behalf of others to the extent that power to do so has been or may be granted by statute, and (ii) give other indemnification to the extent permitted by law.

Article IV

Amendment of By-Laws

These By-Laws may be altered, amended or repealed by the directors at any meeting of the board.

Adopted: , 1982.

EXHIBIT 4

Relating to Time-Share Agreement

Villanova University and Haverford-Bryn Mawr Broadcasting , Inc. have informally agreed to share operating time on 88.5 MHz in the Villanova-Haverford, Pennsylvania area. The two applicants intend to share a common transmitting facility located on the campus of Villanova University. Use of this facility will permit compliance with all FCC technical allocation rules relating to non-commercial FM broadcast assignments and will provide sufficient height so as to cover both of the proposed communities of license. A formal time-share agreement specifying the exact operating hours of each applicant has not yet been prepared. However, both applicants intend to meet shortly after the Christmas recess to finalize plans for the time sharing agreement and that agreement, once reached, will be submitted promptly to the Commission as an amendment to each application.

EXHIBIT 5

The applicant's objectives ~~in establishing~~ in establishing the proposed station and its proposed programming policies are as follows:

1) The applicant seeks to serve the public interest by providing alternative programming of interest to its listeners.

2) The applicant seeks to educate through the content of its programming.

3) The applicant seeks to provide a facility for training and, when qualified, experience in all possible phases of broadcasting to the students of Bryn Mawr and Haverford Colleges.

EXHIBIT 6

Proposed Weekly Programming Schedule

EXHIBIT 7

When the station is constructed and placed in operation, the existing carrier current station WHRC, which serves Haverford and Bryn Mawr Colleges, will cease operation and its facilities will be made available to the new station. WHRC has two studios which are fully equipped. They will be modified for stereo broadcasting. The carrier current station's substantial record library will be available to the new station. Portable equipment is available for remote recording. The new station plans to subscribe to the Sheridan News and Sports Network. The station will be staffed by students from the two colleges.

MONDAY

7:30 - 9:30 A.M.	CLASSICAL MORNING	REC, A/C
	Newscast at: 7:50-7:55 A.M.	NS/NET
	8:50-8:55 A.M.	
	Sports at: 8:20-8:25 A.M.	O/NET
9:30 - 11:30 A.M.	INDIVIDUAL MUSIC PROGRAM	LE/REC
	Newscast at: 9:50-9:55 A.M.	NS/NET
11:30 - 1:30 P.M.	RED, WHITE AND BLUES	LE/REC
	Newscast at: 11:50-11:55 A.M.	NS/NET
	12:50-12:55 P.M.	
	Sports at: 12:20-12:25 P.M.	O/NET
1:30 - 4:30 P.M.	INDIVIDUAL MUSIC PROGRAM	LE/REC
	Newscast at: 1:50-1:55 P.M.	NS/NET
4:30 - 7:00 P.M.	EVENING SHAKEDOWN	LE/REC
	Newscast at: 4:50-4:55 P.M.	NS/NET
	5:50-5:55 P.M.	
	6:50-6:55 P.M.	
	Sports at: 5:20-5:25 P.M.	O/NET
7:00 - 7:15 P.M.	WILD HICKTOWN RACQUET CLUB	LE/L
7:15 - 8:00 P.M.	BROADWAY BABY	LE/REC
8:00 - 11:00 P.M.	INDIVIDUAL MUSIC PROGRAM	LE/REC

TUESDAY

7:30 - 9:30 A.M.	CLASSICAL MORNING	REC., A/C
	Newscast at: 7:50-7:55 A.M.	NS/NET
	8:50-8:55 A.M.	
	Sports at: 8:20-8:25 A.M.	O/NET
9:30 - 11:30 A.M.	INDIVIDUAL MUSIC PROGRAM	LE/REC
	Newscast at: 9:50-9:55 A.M.	NS/NET
11:30 - 1:30 P.M.	RED, WHITE AND BLUES	LE/REC
	Newscast at: 11:50-11:55 A.M.	NS/NET
	12:50-12:55 P.M.	
	Sports at: 12:20-12:25 P.M.	O/NET
1:30 - 4:30 P.M.	INDIVIDUAL MUSIC PROGRAM	LE/REC
	Newscast at: 1:50-1:55 P.M.	NS/NET
4:30 - 7:00 P.M.	EVENING SHAKEDOWN	LE/REC
	Newscast at: 4:50-4:55 P.M.	NS/NET
	5:50-5:55 P.M.	
	6:50-6:55 P.M.	
	Sports at: 5:20-5:25 P.M.	O/NET
7:00 - 8:00 P.M.	THE OTHER END	GEN, PA/L
8:00 - 11:00 P.M.	INDIVIDUAL MUSIC PROGRAM	LE/REC

WEDNESDAY

7:30 - 9:30 A.M.	CLASSICAL MORNING	REC, A/O
	Newscast at: 7:50-7:55 A.M.	NS/NET
	8:50-8:55 A.M.	
	Sports at: 8:20-8:25 A.M.	O/NET
9:30 - 11:30 A.M.	INDIVIDUAL MUSIC PROGRAM	LE/REC
	Newscast at: 9:50-9:55 A.M.	NS/NET
11:30 - 1:30 P.M.	RED, WHITE AND BLUES	LE/REC
	Newscast at: 11:50-11:55 A.M.	NS/NET
	12:50-12:55 P.M.	
	Sports at: 12:20-12:25 P.M.	O/NET
1:30 - 4:30 P.M.	INDIVIDUAL MUSIC PROGRAM	LE/REC
	Newscast at: 1:50-1:55 P.M.	NS/NET
4:30 - 7:00 P.M.	EVENING SHAKEDOWN	LE/REC
	Newscast at: 4:50-4:55 P.M.	NS/NET
	5:50-5:55 P.M.	
	6:50-6:55 P.M.	
	Sports at: 5:20-5:25 P.M.	O/NET
7:00 - 7:30 P.M.	TROUT THEATRE	LE/L
7:30 - 8:00 P.M.	STORYTIME WITH SKIP AND BABS	LE/L
8:00 - 11:00 P.M.	INDIVIDUAL MUSIC PROGRAM	LE/REC

THURSDAY

7:30 - 9:30 A.M.	CLASSICAL MORNING	REC, A/C
	Newscast at: 7:50-7:55 A.M.	NS/NET
	8:50-8:55 A.M.	
	Sports at: 8:20-8:25 A.M.	O/NET
9:30 - 11:30 A.M.	INDIVIDUAL MUSIC PROGRAM	LE/REC
	Newscast at: 9:50-9:55 A.M.	NS/NET
11:30 - 1:30 P.M.	RED, WHITE AND BLUES	LE/REC
	Newscast at: 11:50-11:55 A.M.	NS/NET
	12:50-12:55 P.M.	
	Sports at: 12:20-12:25 P.M.	O/NET
1:30 - 4:30 P.M.	INDIVIDUAL MUSIC PROGRAM	LE/REC
	Newscast at: 1:50-1:55 P.M.	NS/NET
4:30 - 7:00 P.M.	EVENING SHAKEDOWN	LE/REC
	Newscast at: 4:50-4:55 P.M.	NS/NET
	5:50-5:55 P.M.	
	6:50-6:55 P.M.	
	Sports at: 5:20-5:25 P.M.	O/NET
7:00 - 7:15 P.M.	WILD HICKTOWN RACQUET CLUB	LE/L
7:15 - 8:00 P.M.	AFTER THE HEAT	LE/REC
8:00 - 11:00 P.M.	INDIVIDUAL MUSIC PROGRAM	LE/REC

FRIDAY

7:30 - 9:30 A.M.	CLASSICAL MORNING	REC., A/O
	Newscast at: 7:50-7:55 A.M.	NS/NET
	8:50-8:55 A.M.	
	Sports at: 8:20-8:25 A.M.	O/NET
9:30 - 11:30 A.M.	INDIVIDUAL MUSIC PROGRAM	LE/REC
	Newscast at: 9:50-9:55 A.M.	NS/NET
11:30 - 1:30 P.M.	RED, WHITE AND BLUES	LE/REC
	Newscast at: 11:50-11:55 A.M.	NS/NET
	12:50-12:55 P.M.	
	Sports at: 12:20-12:25 P.M.	O/NET
1:30 - 4:30 P.M.	INDIVIDUAL MUSIC PROGRAM	LE/REC
	Newscast at: 1:50-1:55 P.M.	NS/NET
4:30 - 7:00 P.M.	EVENING SHAKEDOWN	LE/REC
	Newscast at: 4:50-4:55 P.M.	NS/NET
	5:50-5:55 P.M.	
	6:50-6:55 P.M.	
	Sports at: 5:20-5:25 P.M.	O/NET
7:00 - 7:30 P.M.	CAMPUS ROUNDUP	NS/L
7:30 - 8:00 P.M.	DANCIN' IN THE STREETS	LE/REC
8:00 - 11:00 P.M.	INDIVIDUAL MUSIC PROGRAM	LE/REC

SATURDAY

9:30 A.M. - 2:00 P.M.	BLUEGRASS AND FOLK	LE/REC
	Newscast at: 9:50-9:55 A.M. 11:50-11:55 A.M. 12:50-12:55 P.M. 1:50-1:55 P.M.	NS/NET
	Sports at: 12:20-12:25 P.M.	O/NET
2:00 - 4:30 P.M.	AT THE HOP	LE/REC
4:30 - 7:00 P.M.	REGGAE RAP	LE/REC
	Newscast at: 4:50-4:55 P.M. 5:50-5:55 P.M. 6:50-6:55 P.M.	NS/NET
	Sports at: 5:20-5:25 P.M.	O/NET
7:00 - 10:00 P.M.	SATURDAY NIGHT LIVE:	LE/REC

SUNDAY

9:30 A.M. - 2:00 P.M.	CLASSICAL BRUNCH	REC, A/O
	Newscast at: 9:50-9:55 A.M. 11:50-11:55 A.M. 12:50-12:55 P.M. 1:50-1:55 P.M.	NS/NET
	Sports at: 12:20-12:25 P.M.	O/NET
2:00 - 3:30 P.M.	THE FRONTLINE	NS, PA, GEN/L
3:30 - 4:30 P.M.	SUNDAY SPECIAL	PA, A, GEN/L
4:30 - 7:00 P.M.	EVENING SHAKEDOWN	LE/REC
	Newscast at: 4:50-4:55 P.M. 5:50-5:55 P.M. 6:50-6:55 P.M.	NS/NET
	Sports at: 5:20-5:25 P.M.	O/NET
7:00 - 8:00 P.M.	FACULTY FORUM	PA, NS, GEN/L
8:00 - 11:00 P.M.	INDIVIDUAL MUSIC PROGRAM	LE/REC

II. DESCRIPTION OF PROGRAM CONTENT

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WEEKLY PROGRAMMING AT A GLANCE

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9:30 AM TO 11:30 AM	INDIVIDUAL MUSIC PROGRAM	INDIVIDUAL MUSIC PROGRAM	INDIVIDUAL MUSIC PROGRAM	INDIVIDUAL MUSIC PROGRAM	INDIVIDUAL MUSIC PROGRAM	11:30 AM TO 2:00 PM	"	11:30 AM TO 2:00 PM	"
11:30 AM TO 1:30 PM	RED, WHITE AND BLUES	RED, WHITE AND BLUES	RED, WHITE AND BLUES	RED, WHITE AND BLUES	RED, WHITE AND BLUES	2:00 PM TO 4:30 PM	AT THE HOP	2:00 PM TO 3:30 PM	THE FRONTLINE
1:30 PM TO 4:30 PM	INDIVIDUAL MUSIC PROGRAM	INDIVIDUAL MUSIC PROGRAM	INDIVIDUAL MUSIC PROGRAM	INDIVIDUAL MUSIC PROGRAM	INDIVIDUAL MUSIC PROGRAM	4:30 PM TO 7:00 PM	REGGAE RAP	3:30 PM TO 4:30 PM	SUNDAY SPECIAL
4:30 PM TO 7:00 PM	EVENING SHAKEDOWN	EVENING SHAKEDOWN	EVENING SHAKEDOWN	EVENING SHAKEDOWN	EVENING SHAKEDOWN	7:00 PM TO 10:00 PM	SATURDAY NIGHT LIVE	4:30 PM TO 7:00 PM	EVENING SHAKEDOWN
7:00-7:15 PM	WILD HICKTOWN RACQUET CLUB	THE OTHER END	TROUT THEATRE	WILD HICKTOWN RACQUET CLUB	CAMPUS ROUNDUP			7:00 PM TO 8:00 PM	FACULTY FORUM
7:15-7:30 PM	BROADWAY BABY	"	"	AFTER THE HEAT	"			8:00 PM TO 11:00 PM	INDIVIDUAL MUSIC PROGRAM
7:30-8:00 PM	"	"	STORY TIME WITH SKIP & BABS	"	DANCIN' IN THE STREETS				
8:00 PM TO 11:00 PM	INDIVIDUAL MUSIC PROGRAM	INDIVIDUAL MUSIC PROGRAM	INDIVIDUAL MUSIC PROGRAM	INDIVIDUAL MUSIC PROGRAM	INDIVIDUAL MUSIC PROGRAM				

Relating to Time-Share Agreement
& Programming

The preceding programming schedule is subject to change upon completion of a formal time-share agreement between Villanova University and Haverford-Bryn Mawr Broadcasting Inc. At that time, a formal amendment to the programming schedule will be submitted promptly to the Commission. Though there may be changes in the hours of broadcast, the programming philosophy of H.B.M.B.I. will remain the same as it is presented in the current programming schedule.

EXHIBIT 8

The applicant has ascertained the following issues of community concern and proposes the following measures to stimulate discussion and/or improvement:

1. Community unawareness of Haverford and Bryn Mawr College events which are open to the public (i.e., concerts, films, distinguished guest lecturers, etc.). The applicant would attempt to remedy this situation by having regular announcements of Bi-College events.

2. Community need for a forum on medical advice. The applicant would produce a regular show on health and fitness, probably utilising the medical staffs of the two colleges.

3. Community concern with alcohol and drug abuse and drunk driving. Applicant would not only provide an editorial program where concerned groups could present their views, but would also provide call-in service to provide people with rides when they feel they are not in the condition to drive, and to refer people to the correct agencies for drug and alcohol related problems.

4. Lack of forum for discussion of local political issues. Applicant would schedule regular program and encourage the participation of concerned citizens and various elected representatives and other public servants. Debates on current politics would be arranged.

5. A need to promote community efforts to help the underprivileged people on the Main Line. Such projects as the Serendipity Day Camp for youngsters, the Kids' Connection (tutorial) and 8th Dimension Volunteer Services and their activities would be publicized to promote recognition and participation.

6. The applicant also recognizes the need for effective treatment of womens' issues. Again, a weekly program would be produced drawing on the resources of Haverford's Womens' Center and Bryn Mawr's Womens' Alliance.

Although there are many more issues which can be discussed, the applicant feels that these are the most important. The items of concern were ascertained and solutions proposed during a meeting of the officers of H.B.M.B., Inc., December 20, 1984.

Exhibit B

Estimated costs for FM Station, October, 1985.

There are three catagories of costs outlined here. Catagory #1 includes those costs that indisputably will be born by both HBMBI and Villanova. Catagory #2 includes those costs which are under negotiation with Villanova. Catagory #3 are those which indisputably must be borne by HBMBI alone.

#1 The proposed joint venture with Villanova entails a single transmission tower to be operatrd by HBMBI at Villanova on a rotating schedule from our respective studios. Costs for the transmission system are to be split between the colleges.

#1

300 watt transmitter:	$7900
2 bay antenna :	1000
Custom directionalization of antenna:	8700
2 Raydomes	800
Modulation monitor:	2900
Insulation/Misc	2500

Total: 22,800 Split:11,400

#2 Because we will not have direct access to the transmitter, our studio will require a link up and a remote control to the transmitter. It is hoped that in the final negotiations in this joint venture that these costs could be split evenly between the two colleges. Alternative, less expensive methods of hook-up are being explored.

#2

Microwave and Remote Control:	$ 13,500

Total: 13,500 Split:6,750

#3 There will be additional studio improvements (including

the construction of our studio at BMC) whose costs will be born by Haverford and Bryn Mawr Colleges alone.Both HBMBI and Villanova must cover the costs of their own studios.

#3

2 Stereo amplifiers:	$ 1000
Stereo processor	7900
Shock-insulated cabenetry	2000
Misc./repairs of old equip.	11,100
Total: 22,000	

These are the best cost estimates availiable at this time, the largest variable, being those costs in catagory #2. Once again, this leaves us with a total estimate of FM broadcasting costing somewhere between $ 40,550.00 - 47,300.00.

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Haverford-Bryn Mawr Broadcasting Corporation

Technical Department Report:

Broadcasting & Production Facilities

WHRC has two studios, a record library and a main office. The bulk of WHRC's broadcasting is done in Studio A where the compressors and carrier system distribution panel is located, although it is possible to broadcast from either or both studios. An LPB five channel mixer is the heart of studio A, with these inputs:

Channel 1, A+B	Microphones 1+2
Channel 2, A	Blank
Channel 2, B	Left Turntable
Channel 3, A	Blank
Channel 3, B	Right Turntable
Channel 4, A	Sheridan Network Phone Loop/Studio B
Channel 4, B	WHRC Phoneline
Channel 5, A	Sparta 4-Spot Cart Machine
Channel 5, B	Sony Open Reel + Sharp Cassette

Both studios are wired for mono operation, although a conversion to stereo would consist of some minor re-wiring and flicking some internal switches in the mixer. The two turntables are run through a QRK pre-amp. The cart machine is run through a Shure pre-amp, and is wired so that only one cart at a time can be played. An SAE 5000 Noise Reduction unit processes the mixer output before it goes to the compressor/distribution amp board. Almost all of the wiring is under the counter or is run through standard electrical conduits. There are two clocks, one mechanical, one digital, and a JBL Decade 26 speaker which is used as a program monitor

Studio B is the production and special purposes studio. Two turntables, Nakamichi Cassette Deck, Tapecaster Cart machine, two Sony Open Reels, TEAC A7030, Studio A Program and AM/FM tuner are the inputs to a 16 input, 8 channel LPB gladiator mixer. Three microphones are first run through an RCA mike mixer, and then into the gladiator. The output from the mixer can be recorded simultaneously

on the five recording devices and heard in Studio A. There is also included a Rollins bulk eraser, digital clock, Navy 1249 30-watt power amp and Decade 26 monitor speaker. Here are some of the things done in studio B

A) Reviewing. The room is soundproofed and equipped with 2 Rek-O-Kut turntables+Stanton cartridges and styli. Special directions are written up and posted for the reviewing staff on how to operate the equipment.

B) News. The Sherwood rack mount tuner is often recorded onto tape via the mixing board. Afterwords the News staff can listen to the tape at ease and prepare local, national and international News reports. Because of the number of microphones and the ability to individually mix them, broadcasts are often done from studio B, and plans are in for doing interviews in the studio.

C) Production. The studio contains approximately 600 carts of various lengths. Recording is done using the Tapecaster 700RP deck, with a BE machine kept in reserve. The size of the mixer and the accuracy of the reel-to-reels allows for complex production work.

The last interesting feature of Studio B is its modularity. Instead of hard-wiring the inputs to the screw terminal strip inside the gladiator, all inputs end in ¼" phono jacks which run into a patch panel underneath the counter. All inputs and jacks are clearly labelled so that any input, such as a synthesizer, can be run into the board.

For remote recording, WHRC has two Altec gold foil microphones with preamps and stands. One of the two tape decks are purloined, and a Shure Microphone mixer is used for special jobs, such as recording the DePasquale Quartet or Bernice Johnson Reagon. Several extension cords and all the necessary cables, headphones and converters are included. In the future we wish to construct a rack mount set-up with cassette, mixer, compressor and noise limiter, which would be rugged, simple to use and provide quality recording. Next year we will be purchasing a Micro-Trak Sport III remote sports unit which will be used to broadcast games from the field house and other buildings. WHRC has a phone loop running to the field house, and when there is no phone-loop, the Sport has a dial on it, so that one can plug into any phone line, call the station and broadcast.

In the record library we have a Collins turntable hooked up to a Dyna-kit amplifier and speaker. This is provided so that D.J.'s can preview records. It can also be used as an alternate reviewing facility.

Report on the Status of the FM Application

April, 1986

Several important milestones have occured since the date of our last plea to the administration for financing of November, 1985. (A copy of which can be found ion this packet). The most exciting news stems from the fact that our final engineering report has arrived. We have been waiting for this report for over one year, and its results are purely positive: the WHRC FM signal will not interfere in any means with WXPN radio, or Channel 6 TV, located on City Line Drive in Bala Cynwyd. This means that we are reaching the final stage of our development--the one stumbling block to the many advantages that an FM radio station can bring, remains, a purely financial one. The enclosed report was sent to the Presidents and Offices of Development at both colleges. I then scheduled appiontments with those in charge, and recieved negative, and even worse, no response whatsoever from many members of the administration. Time is a factor in our application process, I have been informed that Cabrini College has applied for an FM liscence on the same band as we are planning.

A copy of the estimated costs for building an FM station are also enclosed for the purposes of discussion, a round figure of $40-47,000. These figures provide for a completely new studio, that would <u>not</u> need constant repair, and a microwave linking system with the tower to be built at Villanova University. Thus, the annual maintenance costs for the station will be no greater than they are presently. (See enclosed current WHRC budget). The money that is currently used to send our signal to the Dining Center, Lloyd, Gummere, and Barclay dorms through Bell of PA phone lines , could be used to enlarge our technical discretionary fund, as quick repairs are demanded by the FCC for any opperating FM station. As we will not need to hire any outside employees, we will not incur many of the exorbitant costs of larger college FM stations. Again, this is no paltry sum, but these estimates are one-time construction costs for a new facility on campus.

<u>In the case that our fund drives do not succede</u> we have devised an alternate plan that requires far less initial capital for investment, yet will increase, to some extent the annual opperating costs of the station. Our studios are currently and technically able to broadcast an FM signal. Although much of the equipment is in disrepair, with the simple addition of an FM modulator (locally availiable used at a cost of $300.00), we could fufill all FCC guidelines for an FM station. To transmit our signal to the tower at Villanova, we could, as we do presently, use Bell of PA phone lines, which would be as effective as the proposed

space-age microwave linkup, at an estimated annual fee of $1500.00. For a marginal amount of safety in dealing with our old equipment, an annual technical discretionary fund of $1000.00 would also be needed. We would therefore, have no choice but to increase our semester's budget by over 125 percent. Our only additional cost would be the one time cost of our half of a transmission tower, amounting to $3,950.00, as shown in the cost estimates of building an FM station (another useful table provided for you in this packet).

This project is not without student support. A bi-college survey was circulated at the beginning of this month. 95 percent of all Haverford responses, a total of 446, and 90 percent of all Bryn Mawr responses, a total of 223, supported the idea of FM radio in the bi-college community. In addition, over 10 letters filled the HC student comments board, a letter appeared in the April 4, 1986 issue of The News, and an article following in the issue of Arpil 18, 1986. Copies of both of these can be found in the packet.

The students of Bryn Mawr College stand to gain tremendously from this proposal. At the current time, BMC has a disproportionately low number of members on the WHRC staff. The percentage hovers somewhere between 15-20 percent. Not one member of the WHRC hierarchy is a student of BMC. This is no small wonder, if it is considered that the radio signal can only be heard in the Haverford Dining Center. Our engineering report ellucidates that not only could our FM signal be heard clearly on both college campuses, but, in thousands of homes located in a blobular quasi-figure eight shaped nebula stretching from Wynnewood to Norristown, PA.

We come to you, the Student's Council and the Self Government Association, for aid and assistance. We can only ask for a show of support, which, at the very least, could take the form of a signed letter of support from the members of each organization, and in the best circumstances, to take the form of a guarantee of some financial support. We are only asking for a promise of one or two thousand dollars, as in the words of M.P. McPhereson, "Put the money where the mouth is...". Ms. McPhereson has offered to match funding of S.G.A., and it is rumored that Ron Theiman will do the same for Haverford Student's Council. Any financial support that you could give would be small in relation to our total needs. But, this small amount has a greater significance. The alumni and commercial donors will be much more generous if they understand that you, the representitives of the students, are behind us in this venture. I sincerely hope that you can give this proposal the attention that it deserves...

Thanks,

Margaret S. Russell

Report on the Status of the FM Application

April, 1986

Several important events have occurred in our quest for an FM lisence since the last Board of Directors meeting. Perhaps the most exiting news stems from our final engineering report which will arrive before our meeting on Thursday. We have been waiting for this last report for over one year. I have recently spoken to Ed Perry who has assured me of positive results. This means, of course that we are reaching the final stage of development--the one stumbling block that remains is a purely financial one. In November of this year, a report was sent to the Presidents and Offices of Development of both Bryn Mawr and Haverford colleges, a copy of which is enclosed in this packet. I then scheduled appointments with those in charge, and recieved negative, and still worse, no responses from these members of the administation. Time is definitly a factor in this process, I have recently been informed that Cabrini College is applying for an FM liscence on the same band as we are.

A copy of our estimated costs for building an FM station can also be found in this packet, to round the figure, somewhere between $40-47,000 -- to be split between the two colleges of Haverford and Bryn Mawr. This is no paltry sum, yet when we consider the benefits of an FM station to the bi-college and greater community, it seems like a small price to pay. We may not proceed with our final application to the FCC until we can be guaranteed financing if and when our application is approved. During the meeting I will further elaborate on the yearly budget of an FM station, and the FCC guidelines that rule the day to day operation of an FM station, which support the fact that both cost and guidelines will not be significantly different than those under which WHRC now opperates.

In an effort to demonstrate student support for an FM radio station, a bi-college survey was ciculated. 95 percent of all Haverford responses, a total of 446, and 90 percent of all Bryn Mawr responses, a total of 233, supported the idea of FM radio in the bi-college community. I would like to point out that the number of responses to our survey from Haverford was larger than the number of responses in the last campus-wide election. In addition, over ten letters filled the Haverford College Student's Council notes board in overwhelming support of the project. A letter appeared in the News Friday, April 3,1986 explaining the problem of costs to the community, and another article is soon to appear in the next issue on Friday, April 18,1986.

There have been no solid proposals for the location of the new studio. One suggestion that has been brought to my attention, is that of Rockefeller Tower, BMC. This does have the benefit of illiciting more participation in WHRC of Bryn Mawr students. WHRC now has a disproportionately low amount of participation by BMC students.

I have been in contact with Professor C. Welch of Villanova on a regular basis. WKVU has already been allotted $80,000 for the construction of a new FM studio and their portion of the transmission tower. It has been informally agreed upon by members of both college that time sharing will be equal, with one college broadcasting for a 24 hour period three times a week, and the other, four times a week, with a switch between semesters. Programming during the summer months has not yet been discussed.

That justs about wraps up the summary. Until Thursday...

Sincerely,

Margaret S. Russell

Report on the Status of the FM Application

April, 1986

Several important events have occurred in our quest for an FM lisence since the last Board of Directors meeting. Perhaps the most exiting news stems from our final engineering report which will arrive before our meeting on Thursday. We have been waiting for this last report for over one year. I have recently spoken to Ed Perry who has assured me of positive results. This means, of course that we are reaching the final stage of development--the one stumbling block that remains is a purely financial one. In November of this year, a report was sent to the Presidents and Offices of Development of both Bryn Mawr and Haverford colleges, a copy of which is enclosed in this packet. I then scheduled appointments with those in charge, and recieved negative, and still worse, no responses from these members of the administation. Time is definitly a factor in this process, I have recently been informed that Cabrini College is applying for an FM liscence on the same band as we are.

A copy of our estimated costs for building an FM station can also be found in this packet, to round the figure, somewhere between $40-47,000 -- to be split between the two colleges of Haverford and Bryn Mawr. This is no paltry sum, yet when we consider the benefits of an FM station to the bi-college and greater community, it seems like a small price to pay. We may not proceed with our final application to the FCC until we can be guaranteed financing if and when our application is approved. During the meeting I will further elaborate on the yearly budget of an FM station, and the FCC guidelines that rule the day to day operation of an FM station, which support the fact that both cost and guidelines will not be significantly different than those under which WHRC now opperates.

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NOT so sure

I have been in contact with Professor C. Welch of Villanova on a regular basis. WKVU has already been allotted $80,000 for the construction of a new FM studio and their portion of the transmission tower. It has been informally agreed upon by members of both college that time sharing will be equal, with one college braodcasting for a 24 hour period three times a week, and the other, four times a week, with a switch between semesters. Programming during the summer months has not yet been discussed.

That justs about wraps up the summary. Until ~~Thursday~~ Sunday...

Sincerely,

Margaret S. Russell

WHRC
Haverford-Bryn Mawr Broadcasting Inc.
Haverford and Bryn Mawr Colleges
Haverford, PA 19041
(215) 649-1200

Progressive Radio

November 25, 1985

We at WHRC, the bi-college radio station, are once again hoping to effect a change in its status from an AM carrier current to an FM station. The last attempt towards this end in the fall of 1983 was frustrated by the FCC's denial of our FM license application. Since then, we have been working to fulfill the goal first set by former WHRC members whose dedicated belief in the advantages of having an FM station fueled the original movement. We, too, firmly support the idea that there is much to be gained by having an FM station, not only in terms of benefits to the station itself, but also in terms of benefits to the community, both bi-college and local. At this juncture, it appears that the granting of our FM license is a very real possibility and thus, we would like to take this opportunity to present what we see to be the major advantages of such a move.

Initially, the station would, of course, benefit from such an altering of its status. The present condition of the station is, to say the least, very poor. The studios, office and record library are run down and much of the equipment is old and in need of constant repair. The building of a new FM station with the consequent purchase of new equipment would cut down on the large operating expenses incurred by the frequent technical breakdowns to which the equipment is subject. Better equipment would also circumvent the programming problems we now experience, i.e., the interruption of shows due to malfunction. The radio station has often had to be closed because equipment was not functioning properly, resulting in an unpredictable programming schedule. FM equipment would ensure a smoother and more reliable airing of shows.

Further, the mechanics of an AM carrier current station are such that the radio signals are carried through our phone loops, which results in phone bills of approximately $650.00 per semester. FM signals are carried direct, without necessitating the use of phone loops; thus our large phone bills would be drastically reduced. Finally, as it regards the station, an FM station status means a greater interest from the music industry. While we currently receive some promotional items from various companies affiliated with the music business, a great many companies reserve their promotional goods for FM stations as they are aware that concomitant with the larger audience of FM stations, there is a larger market. Although we have inquired, the major record companies will not send us promotional records, magazines or other

WHRC
Haverford-Bryn Mawr Broadcasting Inc.
Haverford and Bryn Mawr Colleges
Haverford, PA 19041
(215) 649-1200

information which may be of interest and value. As an FM station, we would receive a great deal more from these companies, thereby reducing the amount of money needed to buy what other stations receive for free. The money saved through the acquisition of free materials could be used to obtain things of particular interest to the community. Through receiving more promos and channeling our funds into other areas, our musical selection would be greatly enlarged and diversified, allowing for a more variegated programming schedule. Presently, a large proportion of our shows have a rock format, although we do also have classical and jazz shows. However, there are many other musical tastes and special interest shows that we cannot accommodate due to lack of resources which could be fulfilled by a more extensive record collection.

Thus, the advantages to the station are many, but in the end, the radio station exists to serve its listeners and, consequently, all of the advantages of an FM station will ultimately work to the benefit of the community. As previously suggested, broadcasting would not depend upon the working condition of the equipment, which frustrates both DJ's and listeners, but would become more consistent and reliable. The larger musical offering would allow many other tastes to be expressed by DJ's and to be enjoyed by listeners. Minority groups, for example, could have regular shows in which they presented music expressive of their cultures. Not only would this strengthen the minority cultures, it would foster an awareness of these cultures in people outside of them.

Such expanded programming, however, does not merely involve musical programming. Sports shows, news shows, faculty forums and on-air debates are some of the areas into which we would be able to expand (see Exhibit "A"). The other problem which we face in our present status as an AM station, aside from a limited number of resources, is the limited number of people involved as either active participants or listeners. At the present time, our broadcasting area is confined to the Haverford Dining Center, with sporadic reception in the Gummere and Leeds dorms. The transmitters in the other dorms, including all of Bryn Mawr's campus, are broken or have been stolen. Thus there is a great difficulty in fulfilling programming spots that are not at mealtimes for no one wants to do a show which will not be heard or appreciated. The situation is more grave with respect to Bryn Mawr students for while WHRC is technically a bi-college organization, participation among Bryn Mawrters is disproportionately low. This is to be expected since they cannot hear the station except when eating at Haverford.

WHRC Progressive Radio
Haverford-Bryn Mawr Broadcasting Inc.
Haverford and Bryn Mawr Colleges
Haverford, PA 19041
(215) 649-1200

Strengthening ties between Bryn Mawr and Haverford and making WHRC a truly bi-college organization is one of the primary advantages that we see in obtaining an FM station. Until now, the station has always been on the Haverford campus, thus making it even less accessible to Bryn Mawr students. However, if the station were to become FM, the FM tower would be built at Rockefeller and the proposed site of the actual station is on the Bryn Mawr campus. We expect that greater accessibility to the station, coupled with the fact that Bryn Mawr students will at long last be able to hear the broadcasts on their campus, will encourage greater participation. In fact, we hope that the broader broadcasting range and time would attract more Haverford students as well. While we have approximately 115 students (bi-college total) involved with WHRC this semester, making us one of the largest clubs on campus, we will need more manpower in order to fulfill our greater airing time. We are not anticipating any problems here, in view of the interest already shown in the station and particularly in light of the added attractions of an FM station - the increased listenership, the more varied and complete music selection and the expanded and diversified programming capacity.

More participation from members of the community means that the station can keep in touch with the community. This is an important role of the radio station and one that can be strengthened by having the advantages of an FM station at our disposal. As such, the station could become a focal point for disseminating not only college news, but local and national news of interest as well. Presently, news of campus events is received either through flyers in campus mail and posters on campus or through The News. We do not mean to replace these means of conveying news, but to provide further support for them. Airing news shows on their own or as pre-recorded segments to be used on other shows would provide a forum for presenting local, national or campus topics of interest to the community for debate or discussion. Events on campus could also be publicized to a greater degree and on a more frequent basis than can be provided by The News or other means.

But the positive ramifications of an FM station extend even beyond the boundaries of the bi-college community for the broadcasting range of the station would enable it to be heard throughout the surrounding local community. Such exposure could increase awareness of the two colleges and prove a valuable public rela-

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Haverford-Bryn Mawr Broadcasting Inc.
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tions instrument for both. Firstly, the mere fact of having an FM station would make the schools more attractive to prospective students. Secondly, the station could provide an alternative means for alumni in the area to keep in touch with campus activities and issues. Thirdly, FM stations receive a good deal of press coverage, not only in music magazines but also in papers such as The Philadelphia Inquirer. College concerts such as those arranged by the Alternative Concert Series or New Point Concerts would be publicized free of charge by many area newspapers as events taking place at an institution with an FM station.

Finally, while we could not solicit advertising, we would be able to promote the causes of on- and off-campus non-profit organizations. Public service time could be allotted to such organizations and also to special interest groups on campus to generate interest in their activities. In addition to providing publicity for these organizations, the station could thus act as a link between the bi-college community and the surrounding area. This interaction could also be achieved through the holding of projects such as program sponsorships and marathons. Marathons would also be one way in which we might raise money to offset some of the funding needed to found the station.

We realize that the cost involved in setting up an FM station is quite substantial (for a breakdown of costs, please see Exhibit "B"). However, we hope that you will take into consideration the benefits to be had by all involved in making this move. We believe that the advantages that will arise out of our having an FM station fully justify the expenditure of the necessary funds and we would encourage you to view it as a worthy, long-term investment and a positive addition to the resources available to the Bryn Mawr-Haverford community.

Thank you for your time and consideration of this matter.

Respectfully submitted,

Patty Han

Patty Han '87
Business Manager, WHRC

Exhibit B

Estimated costs for FM Station, October, 1985.

There are three catagories of costs outlined here. Catagory #1 includes those costs that indisputably will be born by both HBMBI and Villanova. Catagory #2 includes those costs which are under negotiation with Villanova. Catagory #3 are those which indisputably must be borne by HBMBI alone.

#1 The proposed joint venture with Villanova entails a single transmission tower to be operatrd by HBMBI at Villanova on a rotating schedule from our respective studios. Costs for the transmission system are to be split between the colleges.

#1

300 watt transmitter:	$7900
2 bay antenna :	1000
Custom directionalization of antenna:	8700
2 Raydomes	800
Modulation monitor:	2900
Insulation/Misc	2500

Total: 22,800 Split:11,400

#2 Because we will not have direct access to the transmitter, our studio will require a link up and a remote control to the transmitter. It is hoped that in the final negotiations in this joint venture that these costs could be split evenly between the two colleges. Alternative, less expensive methods of hook-up are being explored.

#2

Microwave and Remote Control:	$ 13,500

Total: 13,500 Split:6,750

#3 There will be additional studio improvements (including

the construction of our studio at BMC) whose costs will be born by Haverford and Bryn Mawr Colleges alone.Both HBMBI and Villanova must cover the costs of their own studios.

#3

2 Stereo amplifiers:	$ 1000
Stereo processor	7900
Shock-insulated cabenetry	2000
Misc./repairs of old equip.	11,100
Total:	22,000

These are the best cost estimates availiable at this time, the largest variable, being those costs in catagory #2. Once again, this leaves us with a total estimate of FM broadcasting costing somewhere between $ 40,550.00 - 47,300.00.

Ed Penny - tech. finances

1973 finances

Charlie Nelson - WKVV - cut costs

Maria Pal

Objectives - non committed (some money remarked $000)

mini-conf. B.M.C.

H.C. - support

F.C.C. - opening on lower end of F.M. channel

W.P.I

Originally 17,000

S.C. - autumn 500 - 1000

Dick Wynn - Earlham College

deficit of 60,000

Villanova - Engineering

F.C.C.

Mrs. Jones at Rockefeller

Easement

Olivia

Operating Budget

000 dollars a year for Andover High School

Honor Code

WHRC's proposal to switch to FM stirs up debate

by Adam Jacobsen
Staff writer

A recent WHRC poll of the bi-College community found at least 90 percent support among those responding for the station's proposed switch to FM and stirred a flurry of activity on the comment board in the Haverford Dining Center.

According to station manager Meg Russell, the station is "the closest its ever been" to going FM since the first proposal was made in 1972. Under the proposal, WHRC would share a band with Villanova University's radio station WKVU. The total cost for the switch would be between $40,000 and $47,000 for the bi-College community. Russell stated that the station would reach a broadcast area of seven to ten mile radius from the transmitter to be built at Villanova.

Haverford freshman Ed Zimmerman, who is a disc jockey for WHRC, wrote a letter on the board suggesting that Haverford should not go FM. Although he now fully supports WHRC's switch to FM, he said that the poll "wasn't (the presentation of) an issue but an advertisement." He wrote the comment so as to "get people to know both sides" of the issue.

Zimmerman said he believes that the poll failed to allow people to make an intelligent decision as to whether WHRC should go FM. One particular issue that should have been presented was that of the sharing of the proposed broadcast band between WHRC and WKVU, he said. Other points raised by Zimmerman included the possible limitations involved in becoming a more widely-heard station including the limitation of creativity and the need for commercials.

Russell stated that the application for the new station is for a non-commercial band. She said that should the station apply for FM status, it would have to be more strict in the prevention of the broadcast of racial slurs and profanity. Russell emphasized that the sharing of the transmitter with Villanova is necessary to lessen the cost of building such a transmitter (approximately $23,000) and to increase the chance of obtaining a space in the crowded airwaves in the Philadelphia area.

Assistant station music director Billy Bragin stated that "for there to be a substantial improvement" in the operation of the station it would have to switch to FM. He said that if the station were FM, more record services would be willing to supply materials to WHRC, allowing an expanded range of material for broadcast. Bragin also noted that WHRC and WKVU would remain autonomous entities.

Russell is hopeful that going FM would increase the number of Bryn Mawr students involved with WHRC. Whereas the current situation limits the broadcast area to the Haverford Dining Center, the FM signal would be receivable in an area of a radius from seven to ten miles away from the Villanova transmitter. She raised the additional possibility of building the new broadcast studio at Bryn Mawr.

Zimmerman acknowledged all these points and states that "the pros do outweigh the cons." However, he repeated that all information possible should have been made available to the community before the poll was taken and the facts came out on the comment board. Russell stated that the response to the poll was overwhelmingly positive, with 95 percent of the 446 returned Haverford ballots and 90 percent of the 223 returned Bryn Mawr ballots being in favor of the switch. She added that no one reuested more information and that she hoped that WHRC's letter to the April 11 issue of *The News* clarified any misunderstanding.

Currently, the station broadcasts via telephone lines to AM transmitters located in the basements of several dormitories at Bryn Mawr and Haverford. Russell noted that these transmitters are in disrepair, as they have not been serviced in over five years. The normal lifespan of such equipment is three years.

While the switch to FM will cost WHRC, Russell said that the ongoing costs of operating the station would not increase. She noted that currently 95 percent of WHRC's funds go to support the phone lines to the nonfunctioning transmitters. As FM transmitters will not require replacement, capital costs should be reduced greatly.

Oh docherty
Where can you be?

It's now been two weeks
since you last wrote.
It would have been nice if
you'd at least sent a note.

The last one reached us Thursday,
which was quite overdue.
The News wants to know,
are deadlines foreign to you?

Remember, we are around
in Erdman F, Wednesday night.
We wish to see your poem
and forget this oversight!

reprimandingly,
The News

As the incoming President of the Alumni Association of Haverford College, I want to take this opportunity to acquaint you with our organization, to encourage you to use our programs, and to make contact with alumni when you have the occasion and the need.

As George Stavis, our Alumni Director, told the freshman class when he spoke to them at the start of the fall semester, you are all prospective alumni from the time that you enter Haverford. An alumnus or alumna is a person who has attended Haverford College. There are currently approximately 7300 alumni/alumnae, and in time, you will join our ranks.

From time to time, you will see alumni/ae participating in career sessions on campus; we hope that you will attend. We participate with the Haverford-Bryn Mawr Career Centers in the Extern Program, through which you can visit alumni/ae in their places of employment and gain some insight into particular fields that you may be considering after college. From time to time, there is a political science trip to Washington, D.C., or trips to other areas. These are for your benefit, and it is our pleasure to make these opportunities available to you.

We are also actively engaged in talking with prospective applicants for admission to Haverford. Perhaps some of you spoke with or met one of our alumni/ae during the year that you were applying to Haverford. You can aid us in our efforts to assist the Admissions Office in attracting qualified students to Haverford by visiting your secondary schools to talk about the college when you are home during your vacations and by keeping in touch with the alumni/ae who may have assisted you.

The alumni/ae are actively engaged in fundraising for Haverford. Each year we hold several phonathons on campus as well as in major cities such as Boston, New York, Washington, Chicago, Los Angeles, and San Francisco. If you would like to participate in these phonathons, we welcome your assistance. Watch for campus announcements, or contact the Development Office. We, of course, encourage you to contribute to Annual Giving, if you wish.

You will find alumni/ae involved in a number of other activities around the College. . . as members of the Board of Managers and the Corporation, as leaders of several campus service organizations such as the Library Associates, Patrons of Art, the Arboretum Society, and the Varsity Club. We hope that you will take note of the work of these groups and enjoy the results of their commitment to Haverford.

In sum, one of the principal purposes of the Alumni Association of Haverford College is to be of service to the College and to you. We hope that we can enrich your time at Haverford, and that you will become active alumni upon your graduation. The Alumni Office, located in the basement of Founders Hall, is our home on campus; feel free to stop by any time.

William G. Kaye, '54

WHRC clarifies broadcasting proposal

We would like to thank those who have responded to the WHRC survey and to clarify concerns about the proposal for FM broadcasting at Bryn Mawr and Haverford.

The main advantage of FM broadcasting is that we will reach a larger audience. Our signal would cover the Main Line area, including Haverford, Bryn Mawr and Villanova. Not only will the broadcast quality be improved, but we will gain a substantial audience beyond Haverford's dining center. FM status will enable WHRC to expand music programming and to open possibilities for news broadcasts, talk shows, and community forums. With FM, WHRC has the potential to significantly increase the quality of life within the bi-College community.

The FM proposal includes a time sharing agreement with Villanova University. The bi-College community will have half the total broadcasting time on the FM band and will be totally autonomous in the content of its programming. What will be shared is a common antenna and tower. We will have our own studio located within the bi-College community.

Of course, like all benefits, these benefits are not without their cost. Our latest estimate indicates that the total cost for FM broadcasting, including the creation of an FM studio will be $40,550 to $47,300. This cost will be split between Haverford and Bryn Mawr Colleges. These costs are substantial, but they are not overwhelming, considering the millions of dollars that the colleges spend on an annual basis. Villanova will be paying the same amount for its half of the transmitter and tower, in addition to the cost of their own studio.

We believe that this is a valuable long term investment for the bi-College community. Your support is necessary for FM broadcasting to receive the full priority it deserves.

WHRC

Patience appreciated

For several months now, we of the Bryn Mawr College Grounds Department, have requested your cooperation in allowing us to re-establish the lawn in some badly worn areas. We thank you for that cooperation, and we are sorry for the inconvenience. Having to yell to a friend, who you would otherwise simply run up to, or being late for class due to the "detours" can wear thin.

However, the temporary obstructions will contribute to the beauty and enjoyment of our Campus.

Again, thank you!

Bryn Mawr Grounds Department

Orchestra thanked

I'd like to thank everyone in the Haverford and Bryn Mawr College Orchestra, especially Harvey Felder, for giving me a chance to participate. It has been a wonderful experience.

Christopher Egli

LOOKING
MODE
Free Ha
done
hairsty

From Diane Davison, General Manager, WHRC

Read this and get back to me— AL

To Students' Council,

May 6, 1988

The following is a basic outline of information on why regular AM-transmission is not a feasible route to take for WHRC:

(1) The cost of AM is the same as FM - ie, approximately $60,000 for set-up. Additionally about $10,000 in new equipment would be needed.

(2) Another involved engineering survey would have to be made, this would cost approximately $2500 and take 3 months.

(3) The same application process to the FCC would have to be undertaken for AM as for FM.

- The application is a long process (about 1½ years min.)
- Costs more money beyond above costs for the application process itself
- We would be rejected for many of the same reasons as for FM

(ie- FCC is not giving out licenses in this area because of proliferation of stations here, also many technical problems w/ potential interference from Channel 10 & 3 on City line (? - I think those are the two stations) & other radio stations in area., and there APPEARS to be someone who has connections w/the FCC who does not want us to get a station & has therefore made things very difficult for us w/ the FCC.)

(4) The administration of the school is against a more-than-campus-wide broadcast because of all the potential liability problems arising from such a broadcast method.

(ie- this community (Main Line) is law-suit happy & would jump on anything offensive)

(5) We're not ready. IF we would get a license, the FCC is very strict & constantly monitoring the stations ready at the least infraction to revoke the license & with the nature of our station/school we could not broadcast the kind of structured station necessary to maintain the license

(Get back to me ASAP if you have any problems now with allocating the money to WHRC— AL)

H. Arefe-Anne

CM

HCA R18 S6

RADIO SYSTEMS

Attn. Laurie Deutsch
Garrett

(800) 423-2133
(215) 356-4700

PO Box 356
Edgemont 19028

SURVEY:

payment- 1 man/day $250 x 3 days = $750
expenses = $ 50
$800

downpayment- $400
day of work- $400

dates- March 2, 3, 4

- need to meet with Pat Hastings March 2, am
- need full access to electrical panels & buildings
  send letter
- need deposit of $400 and a campus map w/ buildings highlighted sent
- will send us work order with terms

INSTALLATION:

costs- 4-5 days = $3-4000
estimate worst-case = $20-25000

TR-20 transmitter (crystal)
coupler
] = $975

date- end of April
4-5 days

Possible Scenarios:

(1) All Phone Lines- Range of 3.5-15 Khz. 8 Khz recommended. Leasing the lines from Bell is most expensive method. Estimates (for 8 Khz) of $100/mo./line & $315/line for installation.

(2) Phone System- send it thru phone system. This could be done for the administrative buildings & those on system. (No dorms presently on it) Saves phone line costs

(3) Cable Lines - Physically run cables to buildings where close enough to be cost-efficient. Saves phone line costs

(4) Cable Distribution - Distribute signal as FM thru Harte-Hanks then it's converted at each site to AM. May incurr smaller fee to cable company.

This allows our signal to be picked up by all cable subscribers everywhere. So ⅓ of campus / HPA would be cable distribution - saves $$.

- Survey will determine the most cost-efficient set-up / combination & display all possibilities.

- Phone line hook-ups preliminary info can be done by them but we have to actually take care of actual hookup w/ Bell.

SURVEY

RADIO SYSTEMS

$250 per man per day + food + expenses ⇒ $275
6-8 buildings

complete engineering survey under one cover
separate document for price estimate for them

LPB 5 watt $495
coupling $245

Gummere	Founders
Barclay	Hilles
Leeds	Roberts
Lloyd	
HPA (8?)	
North Dorms (3)	

2 3/0 nylon
inches apart

2/22/87

Spoke with Doug Carold at Harte-Hanks Cable (HHC) (328-4660). He informed me that technically using cable lines for CC transmission would be no problem but that HHC was just sold to Adelphia of Radnor He will "unofficially" find out for us what can be worked out & get back to me on Monday.

* They are presently setting up something w/ Villanova

Spoke w/ Dick Wynn about possibility of installing cable in all downs. Told me to talk to Nan: Ricker. Depending on NR's recommendation, proceed accordingly (cable also in 10 RR Anc.)

2/29 Spoke w/ D. Carroll & cable is out as they have no frequency space in their network for at least a year.

HCA 21/3a

HAVERFORD
Memorandum

To: Margarita Garcia and Greg Salathe

From: Hank Payne, Provost and Acting President

Re: Plenary resolutions

Date: January 18, 1988

Thank you for bringing to me the resolutions of the Plenary assembly of fall 1987. Let me try to address the concerns of those resolutions approved as best I can.

1. Radio station: I fully support the idea of a carrier current radio station at the College. I think it proper that it be funded on a continuing basis through Students Council, on the model of the Bryn Mawr/Haverford News. There is a standing offer from the president's office of $2,500 in start-up funds in support of this proposal, and I am certainly willing to explore other ways to help finance the balance of what I understand to be a capital expenditure of roughly $20,000. I encourage all involved to pursue this, and I would be glad to meet with any representative group at any time to discuss ways to bring it about.

2. Elections: I approve the constitutional changes outlined in this Plenary resolution.

3. Meal plan: I am tempted to respond at some length about the definition of economic justice which is included in this resolution, i.e. that "economic justice is based on the sovereignty of the consumer." On the other hand, I assume that in adopting this resolution the student body was not endorsing that particular definition, but rather the desire for wider choice in meal plans.

I certainly share a general libertarian desire to extend the realm of free choice. Unfortunately, the economics of a dining service at a very small college do not allow us much flexibility. If we are to have a dining service, and we must, then it must have a certain guaranteed source of income. As it is, a dining service operating with only 900 customers is on the margin of economic viability.

We do strive to provide a service of reasonable quality and reasonable price. I urge students to work through the Food Service Committee to bring its concerns about quality and service. The committee met biweekly in the fall, but attendance was disappointing. I have found this year that daka is quite responsive to our concerns.

In the meanwhile, we will investigate the logistics and economics of some minor improvements in flexibility in meal plans. I fear, however, that the kind of "open market" in food service proposed here simply cannot be sustained, however attractive it is to the consumer.

4. Hours at the Haverford Gymnasium: My understanding is that the issue about hours here is, in fact, moot. The students involved need only have brought their concerns directly to the Director of Athletics, and he

would have been prepared to meet virtually all of their concerns. I understand, therefore, that the situation has been quite happily resolved.

5. Music facilities: I am truly sorry that there is conflict over the use of music facilities. There is a necessary tension here between use of spaces for academic purposes and use for co-curricular purposes. We have, through the fall, worked to bring understanding so that there can be reasonable access to facilities and equipment.

The electronic music studio raises specific concerns about free access to very expensive and complex equipment. The Music Department has evolved a policy which strikes me as reasonable. It seems to me that the key in the future is building the studio into the academic program of the department in a fuller way. In the meanwhile, they are prepared to direct serious individual projects on the facility.

There has been some disagreement, I understand, over access to various spaces for the use of singing groups. On the other hand, by the end of October the Music department had worked out what appears to be reasonable guidelines for access to a number of spaces. We will reopen this discussion in the spring to see if there are further avenues that can be pursued and ways to equip other spaces to be of further help.

6. Access for handicapped: The situation for the disabled is complex at Haverford. As we have redone and will redo buildings, access is continually improved on campus. For the classrooms, we certainly are in a good position to provide relatively easy access when required. Marshall Auditorium, the new Fine Arts building, the renovated Chase building, and the renovated Founders Hall will all meet current code requirements for full handicapped access. With a few accommodations, we can provide relatively easy access to Sharpless and Stokes Halls. Without an elevator -- and installing elevators in buildings which do not have them is extraordinarily expensive -- access to Hall Building must of necessity be limited to the ground floor.

I agree that the situation for dormitories is not currently ideal. We have some capacity to accommodate the physically disabled in the North Dorms. We will do further assessment of our position, and will inform the community as we find ways to increase access for the disabled.

I am grateful for your bringing this to our attention. The law requires that new and substantially renovated buildings have full access and that, in other events, we commit ourselves to finding ways to accommodate the physically disabled. Such accommodation does not require that all spaces have equal access. Unfortunately, that ideal is virtually impossible except at prohibitive cost. On the other hand, we can certainly make the campus more accessible and more welcoming, and we invite your further suggestions.

Thank you for your suggestions. These answers, I realize, are necessarily brief. I will be glad to talk to any of those concerned at greater length during the spring term.

HCP:rmw

cc: All students

HCA R16 S6

HAVERFORD
Memorandum

To: *

From: Hank Payne

Re: Radio station meeting

Date: February 3, 1988

I have not heard from all of you, but I feel obligated to schedule this meeting as soon as possible. Would you please set aside Tuesday, February 9 from 3:30-4:30 pm to meet in my office. The half-hour delay is to allow for students coming from classes at Bryn Mawr. Please call my office immediately if you are unable to attend. Thanks.

HCP:rmw

*
Vernon Dixon
Diane Davison '88
Margarita Garcia '88
Stephen Kolman '88
Margaret Russell '88
Kurt Ryden '88
Gregory Salathe '88

Robert Brickman '89
Alexander Leventhal '89
Arthur Rosenfeld '89

May 5, 1988

Dear Chip & Alex,

I have been attempting to reach you since Monday to no avail. I was greatly distressed to learn about what went on at the SC meeting on Sunday as this is just prolonging the process of going carrier-current with questions and considerations that have already been addressed.

Both at plenery and at the first SC meeting this issue was discussed (following plenery). I clearly stated that regular AM-transmission was not a feasible route to take for many reasons:

(a) the cost is the same as FM, ie, approximately $60,000.00

(b) An involved & expensive engineering survey would have to be made

(c) The same FCC application process would have to be followed as the FM application which: (i) takes over a year to go through
& (ii) would be rejected

(d) The administration of the school does not wish to pursue outside-of-campus broadcast as it does not want to be liable legally for any problems inherent to such a broadcast

I hope we can proceed with all the intended carrier-current plans without further ado. Many contractors are on hold, awaiting your decision and this has to be done in a timely fashion. Already, as it is now, because of this delay, most of our staff will not be here for the installation & testing of the new system which places us at a great disadvantage for start-up in the fall.

Furthermore, President Hank Payne is displeased with the decision process, as it was already pretty much decided & administration funds were committed, but the formality of specific approval was all that was needed.

I hope we can now proceed as intended & look forward to your hasty response.

Sincerely, Diane Dolirson

WHHS Operations (446-7144) FM 89.3
Havertown
Johnny Mester - mgr.

15 class / 60

# of DJ's - 15 3 slot
Staff size - 9 MGR
Hours of Operation - 6:30am-10pm M-F
Report to - Noone
Serviced by - IRS
Format - Rock preprogramed
Budget - couple thousand
Special Shows - 2½ focus on groups / premiere LP's /
Training - see below
News Service - 7:15pm / 15min. indy show
Weather Service - bottom of hour / weather sheet
~~Editorial~~

2:30-5 AOR newer
5-7:15 Top 40?
7:30-10 free form psych. relics

4 - FCC 3rd class permit
temp license
send away for lic
demo tape

attendence

FM with Haverford HS.

RICHARD WELCH (H) 446-0998
(W) 645-4895

ED PERRY (617) 585-9200

Dean of students even tho seperate
pres. of student council
* support by college

---

student advisor
2 school board members - Villanova members
1 member - wife
Perry consultant

exhibits
* charter
* FCC license
* ~~tax exempt status~~

Charles R. pres of school bd

Randy Fairbanks
Township
H School District
~~HHS~~ Administrative Offices
Haverford Pa. ~~19083~~
19083

811 Eaklington Rd
Havertown 19083

letter administration in support

Pres of Bd
1801 Darby Rd

88.5 Penn
88.9 Cabrini/Villanova

~~Copy to Bd Members~~
school superintendent
Ewald Kalmbach

10 w now → 100 w (estimate couple thousand $3-4)
4-5 mile
8 hours: 7am - 7pm & some football/basket ball

before 11:30 am

FM application / 1 year
6-8 months FCC

letter from lawyer thru is feasible thru FCC.

(215) 446-4570

agenda wait 1½ wks
Randy Fairbanks rep come & talk during exc. sess.

40,000

what doing? where going?

interested
- advantages
- possibility

access facilities

college ⇔ township

Call HHS / name of moderator of radio station

School Board

Basic engineering

all student residents of Haver township

1. Sit down & talk of potential of joining forces leave @ 10W — take their appl. & ammend for time-share

2. increase power

remote

one of the options

superintendent

joint comm. effort

do you see any way to work together

any way we can help each other

Radio Systems

LPB

how done ~~methodically~~
- why
- advantages to HC & HHS & township
- programming options
- break between times

no addt'l cost to school system

(& OT)

create microwave length

cost microwave link between Schools

summer operations?

Final proposal

(choose) Joint w/ Haverford HS

BMC campus

Penn Wynne

not ~~this~~ power output

antennae & trans

microwave link

460W / 10W

boost 100W

What we can offer WHHS

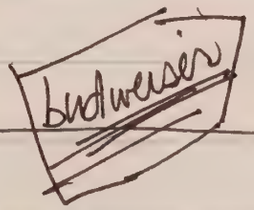
* increase power 10w → 100w ?? Jointly – cut costs

Station better status/legitimacy/credibility w/ comm & cos.
Reach larger audience
Joint promotions
(Possibility of participation on wknites & wkends
Join forces to cut costs of operations for services & programs
Exposure to Colleges
Cultural expansion to activities
Music education seminars
Access to our library
Access to our facilities
Expand time of stations hours

diversity < femmes anti-racism

Meg ACS – record concerts to broadcast at later date
interviews to broadcast
DJ's admitted to concerts free

- each person listen for 1 hour & keep Log sheet w/ hours/PSA's etc & evaluate quality
- ~~summer time to work / summer addresses~~
- keys returned
- ~~last meeting May~~
- set up music seminar / proposed preliminary schedule for sept
- ~~Return early in Sept/Aug~~
- FM commutte / from school
- concert corner sponsored by ACS?
- ~~budget request for end of year $!~~
- playlist list to send out to / report to CMJ
- promotion to start off school year w/ a bang!
- approval to take him to lunch, where? Alegators/Quizzits



- Bumper Stickers
- Lollypops
- Tshirt sales Black/Hot Pink

- tix to ~~nightlife~~ Sat. Nite Live Dr Ruth etc...
- posters

involvement of 94.1 or 93.3
catalog library
promo dept / review dept. / concert dept

lawyer @ WHHS participation
- interviewer

85
15
100

Proposal:

8am–10pm
7am–10pm
7 8 9 10

HC & HC timeshare
autonomous
advantages – engineering feasibility
– pragmatic = more power
– comm. bonding

letter agreement of financial backing
[engineering $]

34
2
~~68~~

transmitter $10,000
phone lines/microwave to get audio

find/
send application

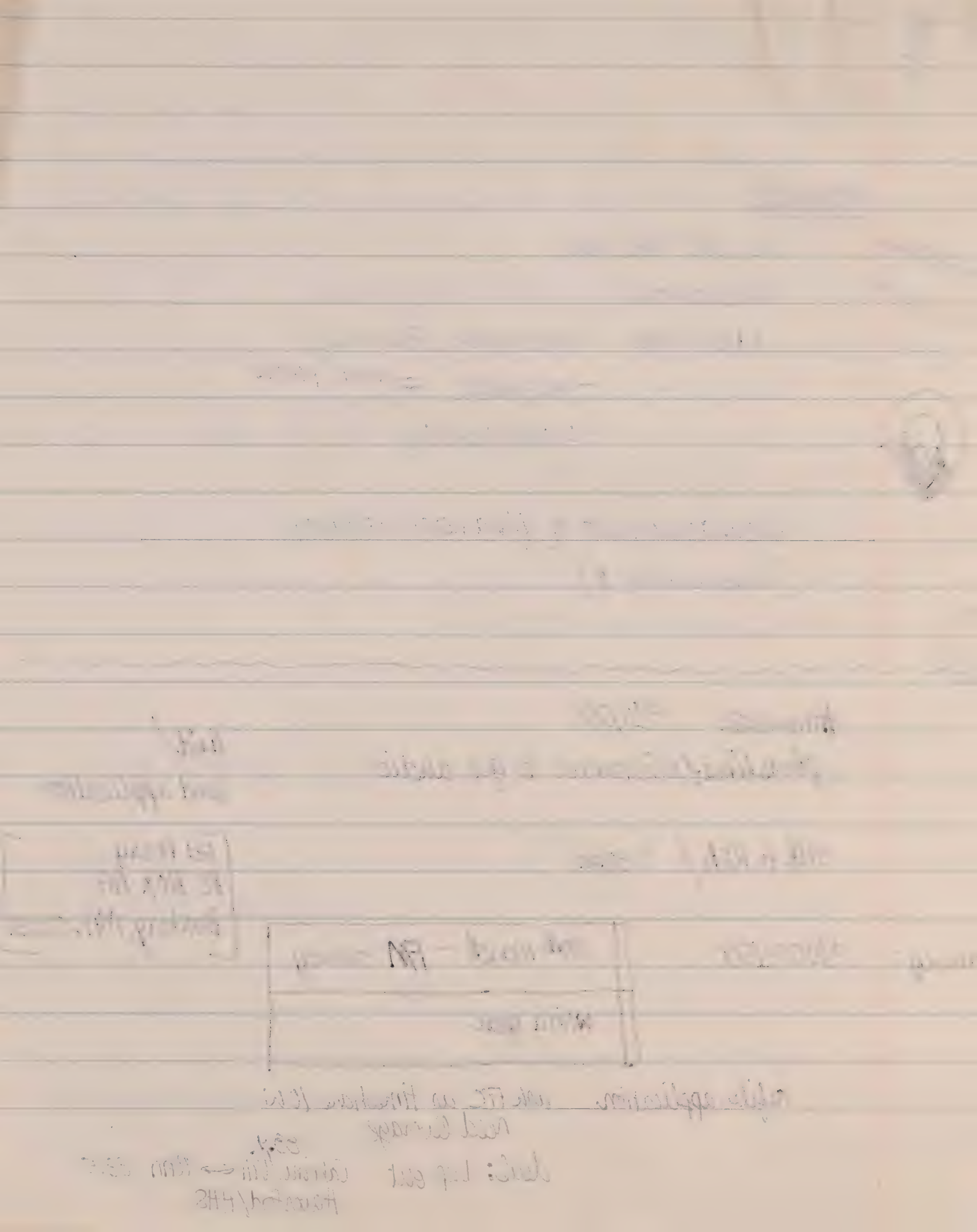
talk to Rich / 3:30pm

Ed Perry
PO Box AA
Boxbury, MA. 02331

survey: $1000–1500

20th march – FM survey
w/in a year

refile application ask FCC as timeshare 10W
need leverage
deal: drop out 88.9 Cabrini/Vill ↔ Penn 88.5
Haverford/HHS



LAW OFFICES
CAIOLA, CAIOLA & GOWEN
506 SWEDE STREET
NORRISTOWN, PA. 19401

JAMES R. CAIOLA
FRANK L. CAIOLA
(MEMBER PA. & D.C. BAR)
THOMAS L. GOWEN
LIZANNE M. MURRAY

TELEPHONE
275-5564
279-2071
279-3838

July 29, 1987

Ms. Diane Davison
7502 Shelowood Road
Baltimore, MD 21208

Dear Diane:

Enclosed please find the opinion letter which you requested. I hope that it is sufficient for your purposes. I am not in a position without considerably more research and discussion with you to offer any opinion as to the FCC situation.

One suggestion that I might make to you in making this proposal is to offer the vacant community seat on the Board to a board member of the Haverford Township School District or their designee in the event that this time share is approved. I think that that might be a way of breaking the ice with them.

Please let me know how you make out. If I can be of any further assistance, please advise.

Very truly yours,

Thomas L. Gowen

TLG/cmf
Enclosure

LAW OFFICES
CAIOLA, CAIOLA & GOWEN
506 SWEDE STREET
NORRISTOWN, PA. 19401

JAMES R. CAIOLA
FRANK L. CAIOLA
(MEMBER PA. & D.C. BAR)
THOMAS L. GOWEN
LIZANNE M. MURRAY

TELEPHONE
275-5564
279-2071
279-3838

July 29, 1987

Board of Education
Haverford Township School District
Darby Road
Havertown, PA 19083

Dear Sir:

Please be advised that I am counsel to the WHRC, Haverford/Bryn Mawr College Radio Corporation. I have reviewed the student proposal for a time share with WHHS Radio. I have been asked to provide a legal opinion as to the feasibility of the proposal. There is no contractual or corporate impediment of which counsel is aware that would present an obstacle to the proposed time share. Naturally, the appropriate procedure of application to the FCC would have to be made.

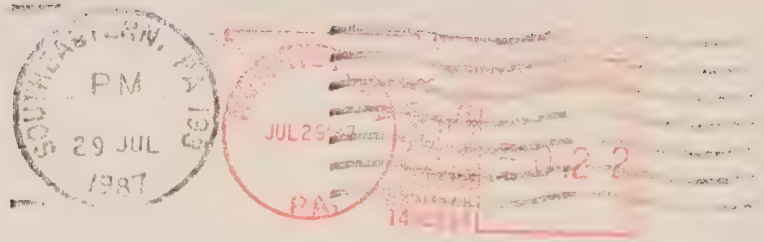
If you have any questions with regard to this opinion, I will be happy to answer them. Please feel free to call.

Very truly yours,

Thomas L. Gowen

TLG/cmf
cc: Diane Davison

LAW OFFICES
CAIOLA, CAIOLA & GOWEN
506 SWEDE STREET
NORRISTOWN, PA. 19401



Ms. Diane Davison

7502 Shelowood Road

Baltimore, Maryland 21208

HAVERFORD
Dean of the College

July 30, 1987

Diane Davison
7502 Shelowood Road
Baltimore, MD 21208

Re: Your 7/25/87 request for a letter from the Office of the Dean approving your FM Time Sharing Proposal

Dear Diane Davison:

Thank you very much for your proposal and its exhibits. I am sorry that I have not responded sooner to your request. I have been trying to contact senior administrators, (it's vacation time), to access material in corporate files and to ascertain the content in corporate memory about this issue.

Presidents McPherson and Payne are on vacation. The only Haverford file on this issue in the Office of the President contains a copy of the exhibits (proposed articles of incorporation and corporate by-laws) that you sent to me and virtually no minutes of discussion and very little correspondence. Corporate memory embodied in some of the Haverford senior administrators reveals, to their best recollection, some discussion about a possible collaboration with Villanova for a radio station.

Unfortunately, I cannot issue at this time a letter of approval, on behalf of the College, for your current Broadcasting Proposal. However, I would like to indicate an avenue for your possible exploration. The Haverford senior administration is holding their annual retreat on August 24 and 25, at which time I would be willing to suggest a <u>revised</u> proposal as an agenda item. It may be that the nature of your proposed activity may subsequently require approval by, at least, the Haverford Board of Managers.

In reference to the proposal revision, you may wish to consider the inclusion of information concerning the following factors which I shall group loosely under the catergories of financial and non-financial.

I. <u>Non-Financial Factors</u>

A. Exhibit C, Article I, Section 2 -- Three directors each would be appointed by Haverford and Bryn Mawr Colleges respectively. Who specifically will have the authority and responsibility for these appointments?

B. Exhibit C, Article III, Section I -- These are litigious times.

1. Will the corporation retain legal council for consultation?

2. What is the legal liability of your corporation for acts undertaken by associated Haverford High School persons?

3. Who at Haverford High School has the legal responsibility and authority for their radio operation?

4. How would Haverford High School respond to the foregoing questions 1 and 2?

5. What procedures are envisioned for interaction between your corporation and Haverford High school in the event of disagreement on any particular issue?

II. Financial Factors

While no one disputes the financial promises of Presidents McPherson and Stevens, it would help Senior Staff discussion if your revised proposal contains the following:

A. Pro-forma Annual Operating Budgets for at least each of the next three (3) years. As you may know such budgets show "line by line" projected revenues and the source of each. This may be revenues from sales, student council grants, College grants of cash or in-kind resources, etc. Also included in these budgets are projected expenses and the nature of each. These should include annual costs such as fees, licenses, supplies, utilities, rent, equipment maintenance contracts, legal retainer cost, insurance cost, etc. Any deficit is accounted for by projected revenue sources of borrowing and/or subsidy or grant and specification of the entity(ies) so providing.

B. Pro-forma Annual Capital Budgets for at least each of the three next years. Similar in the nature to the operating budgets, these deal with capital expenditures and their revenues sources. Capital expenditures are those amounts spent for new or replacement items whose useful life is longer than one year, the major one being equipment and machinery. Of particular importance would be the capital budget for the increase from a 10 watt to an 100 watt FM station, even if the feasibility of such change is not envisioned within the first three years (Proposal, p.3, item 6.).

The factors that I have cited are "first-blush" ones; they are not meant to be exhaustive. I obviously cannot speak for the entire senior staff. However, I do believe these factors provide a basis for beginning a systematic review of your proposal. As you are aware, the importance and magnitude of your proposed FM station deserves the most careful consideration since it impacts not only the relationship of the College with Haverford High School but also its relationship to the wider surrounding community.

If the August dates are not feasible, I shall be pleased to present to the senior staff your revised proposal at one of its weekly meetings during the semester.

I shall be delighted to respond to any questions that may occur to you.

Again, thank you

Vernon J. Dixon
Acting Dean of the College

VJD/dva

cc: Hank Payne
Hogie Hansen
Greg Kannerstein
Delsie Phillips
Sid Waldman
Dick Wynn

HCA_R18.S6

WHRC Radio
Haverford Coll / Bryn Mawr
c/o Diane Davis

Ms. Kleinbrich

July 31 1987

Please find enclosed the proposal ~~that~~ which we are submitting to the Board of Ed~~ucation~~ for the time-share of WHRC and WHHS/ Haverford High School.

Hopefully upon examination you will see the merits of this proposed joint venture. I will contact your office in a weeks' time ~~to set up a~~ about the possibility of appearing ~~before the~~ at an executive session to answer any further questions board members may have & to elaborate on ~~some~~ the information.

Should you wish to contact me beforehand please feel free to do so at my summer address / my summer phone no: listed above / (301) 486-1216

Thank you for your time & consideration

Sincerely,

DLD
GM
WHRC
Radio

Time-Share Proposal

Original

PROPOSAL TO THE BOARD OF EDUCATION

HAVERFORD TOWNSHIP SCHOOL DISTRICT

FOR TIME-SHARE BETWEEN

WHRC/HAVERFORD-BRYN MAWR BROADCASTING, INC.

AND WHHS/HAVERFORD HIGH SCHOOL

Prepared by Diane Davison
General Manager of WHRC Radio & President of Haverford-Bryn Mawr Broadcasting, Inc.

July, 1987

WHRC/WHHS TIME-SHARE PROPOSAL

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Members of Haverford-Bryn Mawr Broadcasting, Inc.....Exhibit E

Letter from Counsel.....Exhibit F

OVERVIEW AND FACT SHEET
WHRC RADIO

CURRENT FACILITIES:
640 kHz carrier current.
Studio location at Haverford College.
Audience of 3500 on the campuses of Haverford College and Bryn Mawr College.

HOURS OF OPERATION:
15 hours a day, 7 days a week
September through May

STAFF:
9 managers, 70 disc jockeys.
8 officers and directors.

FINANCE:
All activities are financed through a grant of funds from the Haverford and Bryn Mawr Student Councils amounting to approximately $1500 per semester. This is supplemented through sponsorships, fundraising, and advertising.

FORMAT: Music:
70% Alternative/Rock, 15% Jazz/R&B, 5% Classical, 10% Other (New Age, Folk, Funk, Latino, etc.)

Other:
News reports once every show.
Weather reports once every show.
Entertainment Radio syndicated shows, featuring:
- Reggae Beat International
- Radio Underground
- Special Forces Concerts
- I.R.S.'s The Cutting Edge

Arts Corner, featuring reviews of local theatre, cinema, concerts and shows, and interviews with local, national and international performers.
Spotlights and forums on social issues.

RECORD LIBRARY:
(Approximate figures as of 6/87)
Rock - 3000 Jazz/R&B - 1200 Classical - 800
Folk/Country - 200 Shows/Movies - 175 New Age - 60
Miscellaneous - 360

SERVICING:
I.R.S., Rounder, SST, Lyfestyle, Deutsch Gramaphone, Jungleland Records and 53 assorted other independent labels.
Service pending from the major labels.
Discounted purchase rates from all other record companies.

PURPOSE AND PHILOSOPHY:

Our purpose as a non-profit, noncommercial, college radio station is to educate while entertaining our listeners; providing the opportunity to sample programming that is not broadcast anywhere else on the commercial radio dial. As an independently incorporated station, WHRC is entirely operated by Haverford and Bryn Mawr undergraduate students.

HISTORY:

The first college broadcasting station in the East went on the air at Haverford College in 1923. A group of enterprising undergraduates secured financial backing from the college's alumni and proceeded to build what was called a "fifty watt set." The "set" was issued the call letters WABQ, and its programs were received from Maine to Michigan.

During this early period, the station also conducted experiments with short-wave-lengths in code. Sixty-three years ago, Haverford telegraph signals were heard in Hawaii, Puerto Rico, Maine, Texas, California, Washington, and England. In 1926, a trans-Atlantic Oxford-Haverford chess match by radio was successfully attempted.

Even greater things were in store for Haverford's pioneering project. In 1927, undergraduate Bill Halstead enlarged the station's capacity to 750-1000 watts, which made it second only to KDKA in Pittsburgh as Pennsylvania's most powerful station.

Such eminence was short-lived, for Haverford's station soon lost out to the area's growing commercial broadcasting industry. When WIP took over WABQ's frequency, Haverford's station relinquished its original call letters and assumed carrier current status under the new call letters WHAV. In the early 1940's, its signal was heard only by the college community, but it affiliated with the Intercollegiate Broadcasting System, and in 1945, the Haverford Radio Club aided in the formation of the Middle Atlantic Network, the first collegiate network, whose membership included WBMC at Bryn Mawr College, WSRN at Swarthmore College, and WXPN at the University of Pennsylvania. In 1947 Haverford's call letters were changed by the FCC to WHRC, which still remains its identification.

Except for brief periods in the '30's and the mid-'60's when student interest flagged, WABQ-WHAV-WHRC has beeen in continuous operation since 1923, and since 1960 when WBMC ceased operations, Haverford's station has served both the Bryn Mawr and Haverford college communities.

PROPOSAL: In order to enhance our operation and become a more integral part of the Main Line community, WHRC proposes a legally-binding, contractual, time-share between WHHS-Haverford High School and WHRC-Haverford-Bryn Mawr Broadcasting, Inc. on 89.3 FM, WHHS's frequency.

Time-share allows each station to operate and broadcast autonomously, retaining their individual call letters during their respective hours of operation.

ADVANTAGES:

(1) Better community bonding would be a direct result of such a time-share. Presently the two colleges and the high school seldom interact; this joint venture affords the opportunity for establishing social and academic contact.

(2) Both stations would be able to increase listenership by capturing the other's already established audience; once tuned to the frequency, listeners of one station will then be exposed to the other station's broadcasts. General community awareness will therefore increase through the time-share of the frequency.

(3) There are educational benefits to this time-share. The high school students' exposure to our college community is a stepping-stone to academic and cultural growth: giving entry to our many guest lectures and other campus activities, exposure to our atmosphere of social concern, and access to our facilities.

Furthermore, we can mutually benefit from the exchange of ideas and methods in the day-to-day running of our stations. WHRC is a great resource for knowledge based on our long-standing experience in broadcasting, while WHHS is a great model for a new and fresh outlook in noncommercial radio.

(4) Resources could be combined and shared: an integral part of any noncommercial radio operation is servicing by the record companies, syndicated programs, and music industry reporting and broadcast organizations. Operating costs could then be reduced at both stations by sharing service of the above-mentioned, as well as pooling our record libraries and allowing each school the use of the other's production facilities.

(5) WHHS would not incur any costs in this proposed time-share. All required fees and expenses will be the responsibility of WHRC/Haverford-Bryn Mawr Broadcasting, Inc.

(6) Haverford-Bryn Mawr Broadcasting, Inc. would be prepared to pay the greater part of the costs of the 10 watt time-share FM station's increase to a 100 watt station when this would be considered a feasible undertaking.

(7) Although both WHRC and WHHS would operate on a reduced time schedule, this would allow both stations to place greater emphasis on the quality and professional delivery of their broadcasts. Additional care could be taken in production, preperation, training, and education of staff and disc jockeys.

It is our hope that the Board of Education and WHHS will recognize the merits of this FM time-share proposal as it is a significant advance for WHRC and WHHS from which we could both reap the benefits.

EXHIBITS

EXHIBIT A

Commonwealth of Pennsylvania

June 23, 1982

To All to Whom These Presents Shall Come: Greeting:

IN RE: "HAVERFORD-BRYN MAWR BROADCASTING, INC."

I, WILLIAM R. DAVIS, Secretary of the Commonwealth of the Commonwealth of Pennsylvania do hereby certify that the foregoing and annexed is a true and correct photocopy of Articles of Incorporation

which appear of record in this Department.

IN TESTIMONY WHEREOF, I have hereunto set my hand and caused the seal of the Secretary's Office to be affixed, the day and year above written.

William R. Davis

Secretary of the Commonwealth

OSCB-60 (Rev. 2-79)

ld

EXHIBIT B

DRAFT

ARTICLES OF INCORPORATION OF
HAVERFORD-BRYN MAWR BROADCASTING, INC.

In compliance with the requirements of 15 Pa. S. §7316 the undersigned, desiring to be incorporated as a non-profit corporation, hereby certifies that:

FIRST: The name of the Corporation is HAVERFORD-BRYN MAWR BROADCASTING, INC.

SECOND: The location and post office address of the initial registered office of the Corporation in this Commonwealth is Haverford College, Haverford, Pennsylvania 19041.

THIRD: The Corporation is incorporated under the Non-profit Corporation Law of the Commonwealth of Pennsylvania for the purpose of conducting exclusively charitable, religious, scientific, educational and literary activities within the meaning of Section 501(c)(3) of the Internal Revenue Code of 1954 (or the corresponding provision of any successor United States Internal Revenue Law) by:

(a) Organizing and operating a radio station to serve Haverford College, Bryn Mawr College and the surrounding communities with alternative, local interest and educational programming; and

(b) Providing the students of Bryn Mawr College and Haverford College

with the opportunity to learn about and participate in all phases of radio broadcasting.

The Corporation shall engage in all activities properly related to the foregoing, including the requesting of funds from individuals, corporations and other exempt organizations for financing the services to be provided.

FOURTH: All activities of the Corporation shall be subject to the following restrictions:

(a) No part of the activities of the Corporation shall be the carrying on of propaganda or attempting to influence legislation.

(b) The Corporation shall not participate in or intervene in (including the publishing or distributing of statements) any political campaign on behalf of any candidate for public office.

(c) The Corporation shall neither have nor exercise any power, nor shall it engage directly or indirectly in any activity that would invalidate its status (1) as a corporation which is exempt from federal income taxation as an organization described in Section 501(c)(3) of the Internal Revenue Code of 1954 or (2) as a corporation, contributions to which are deductible under Sections 170, 2055(a)(2), 2106(a)(2) and 2522(a)(2) of the Internal Revenue Code of 1954.

(d) The Corporation does not contemplate pecuniary gain or

profit, incidental or otherwise to its members or to any persons who are, from time to time, exercising the rights and powers of persons, and no part of the net income of the Corporation shall inure to the benefit of any such person, provided that the Corporation may pay reasonable compensation and may make other reasonable disbursements and distributions in the performance of its proper purposes.

FIFTH: The term for which the Corporation is to exist is perpetual.

SIXTH: The Corporation is organized upon a non-stock basis.

SEVENTH: The Corporation shall have no members.

EIGHTH: In the event of dissolution of the Corporation, all of its assets and property of every nature and description whatsoever remaining after payment of liabilities and obligations of the Corporation shall be paid over and transferred to a corporation or other entity exempt from tax as an exclusively charitable, educational, literary or scientific organization under Section 501(c)(3) of the Internal Revenue Code of 1954 (or the corresponding provision of any successor United States Internal Revenue Law) having substantially similar purposes and no portion of said assets and property shall inure to the benefit of any officer or

director of the Corporation or any enterprise organized for profit.

NINTH: The name and post office address of the incorporator is:

Name	Address
Lawrence W. D. Taylor	Haverford College Haverford, PA 19041

IN TESTIMONY WHEREOF, the incorporator has signed and sealed these Articles of Incorporation this day of , 1982.

_____(SEAL)
Lawrence W. D. Taylor

Approved and filed in the Department of State on the day of , 1982.

_____
Secretary of the Commonwealth

EXHIBIT C

DRAFT

BY-LAWS

OF

HAVERFORD-BRYN MAWR BROADCASTING, INC.

Article I

Board of Directors

Section 1. Number. The Board of Directors shall consist of eight persons.

Section 2. Term and Election. Each director shall serve for a term of one year and thereafter until a successor is appointed. Three directors shall be appointed by Haverford College. Three directors shall be appointed by Bryn Mawr College. At the annual meeting the six directors thus appointed shall elect two additional directors who shall be persons unaffiliated with either college who are residents of the communities surrounding the colleges. Vacancies in the board of directors shall be filled for the unexpired term in the same manner.

Section 3. Meetings. The annual meeting of the board of directors for the election of directors shall be held during the month of September or at such other time and at such place as the board may from time to time determine. Regular meetings of the board of directors shall be held at such time and place as the board may from time to time determine. Special meetings of the board may be called at any time by the chairman or not less than two directors. All meetings of the board of directors may be held within or without the Commonwealth of Pennsylvania.

Section 4. Notice. Written notice of the time and place of all meetings of the board shall be mailed or delivered at least five days in advance of the meeting.

Section 5. Quorum. One more than one-half of the board then in office shall constitute a quorum for the transaction of business at any meeting of the board.

Article II

Officers

Section 1. Officers Generally; Election. The officers of the corporation shall be a president, vice president, secretary, treasurer and such other officers as the board deems desirable, none of whom need be a member of the board of directors. The same person may hold any two or more offices. In addition to the powers and duties set forth in these By-Laws, each officer shall have such powers and duties as are usually related to their offices and as the board may determine by resolution. All officers shall be elected at the annual meeting by the newly constituted board and shall serve until a successor is elected.

Section 2. President. The president shall control and manage the property, business and affairs of the corporation subject to the policies and directions of the board.

Section 3. Vice President. The vice president shall assist the president in the performance of his duties and shall perform the duties of the president in the event of his absence, incapacity or death, subject to the policies and directions of the board.

Section 4. Secretary. The secretary shall keep the minutes of all meetings of the board and shall have charge and custody of the records of the board and the corporation.

Section 5. Treasurer. The treasurer shall have charge and custody of all funds of the corporation, shall maintain an accurate accounting system and shall present financial reports to the board in such manner as the board may from time to time determine.

Article III

Indemnification

Section 1. Right to Indemnification. The corporation shall indemnify any person who was or is a party or

threatened to be made a party to any threatened, pending or completed action, suit or proceeding either civil, criminal, administrative or investigative by reason of the fact that he is or was a director, officer or employee of the Company or is or was serving at the request of the corporation as a director, officer or employee of another organization against expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by him in connection with such action, suit or proceeding to the extent that such person is not otherwise indemnified and the power to do so has been or may be granted by statute. For this purpose the board of directors may, and on request of any such person shall be required to, determine in each case whether or not the applicable standards in any such statute have been met, or such determination shall be made by independent legal counsel if the board so directs or if the board is not empowered by statute to make such determination. No indemnification shall apply to acts of gross negligence or willful misconduct.

Section 2. Indemnification Not Exclusive. The foregoing indemnification shall not be deemed exclusive of any other right to which one indemnified may be entitled, both as to action in his official capacity and as to action in another capacity while holding such office, and shall inure to the benefit of the heirs, executors and administrators of any such person.

Section 3. Insurance and Other Indemnification. The board of directors shall have the power to (i) purchase and maintain, at the corporation's expense, insurance on behalf of the corporation and on behalf of others to the extent that power to do so has been or may be granted by statute, and (ii) give other indemnification to the extent permitted by law.

Article IV

Amendment of By-Laws

These By-Laws may be altered, amended or repealed by the directors at any meeting of the board.

Adopted: , 1982.

EXHIBIT D

DRAFT

HAVERFORD-BRYN MAWR BROADCASTING, INC.

Delegation of Responsibility to
Board of Managers

Recognizing that the overall responsibility for the operation of a radio station licensed to Haverford Bryn Mawr Broadcasting, Inc. rests with the Board of Directors, that Board of Directors hereby delegates certain responsibilities to the Board of Managers of that station. This delegation is subject to immediate revocation by the Board of Directors without cause.

The Board of Managers shall consist of up to seven individuals who shall be the Business Manager, Music Manager, News Manager, Operations Manager, Personnel Manager, Programming Manager and Technical-Engineering Manager of the station. Original appointments to those positions shall be made by the Board of Directors from among students of Haverford College and Bryn Mawr College. Thereafter, appointments to those positions shall be made by the Board of Managers with the consent of the Board of Directors.

The Board of Managers shall conduct the day-to-day operations of the station in a manner consistent with the general policies established from time to time by the Board of Directors. The Board of Managers shall make recommendations to the Board of Directors with respect to all matters affecting the station. In the interim between meetings of the Board of Directors, the Board of Managers shall have the power to fill vacancies in the Board of Managers on an "acting" basis. The Board of Managers shall have the power to expel any Manager and reassign the duties associated with that position. The Board of Managers shall have the responsibility for selecting and maintaining the staff to run the station and the responsibility for programming the station.

The Board of Managers shall have no power to borrow money or make expenditures in excess of available funds. The Board of Managers shall have no power to enter any employment contract. The Board of Managers shall have no authority to enter any contract for a period longer than one year.

Decisions of the Board of Managers shall be made by majority vote in a meeting of which all Managers have

reasonable notice and at which at least four Managers are present. Expulsion of a Manager shall require the affirmative vote of at least four Managers.

Subject to changes made from time to time by the Board of Managers, each Manager shall be responsible for the operation of the relevant department of the station having the following general description of duties:

Business Department:

Manager

(1) Serves as the chief fiscal officer of the station, responsible for budgeting, bill paying and for station purchases.

(2) Oversees fund raising for the station.

(3) Helps to coordinate FM operations.

(4) Recruits staff to help within department.

(5) Obtains necessary licenses and approvals from FCC and others.

Music Department:

Manager

(1) Oversees the maintenance of and acquisitions for the station's record library.

(2) Coordinates and selects play list albums.

(3) Represents the station to record companies.

(4) Responsible for developing the station's musical programming goals.

Staff

(1) Catalogues and maintains record collection.

Music Department (continued):

(2) Assists in the compilation of the playlist.

(3) Reviews and recommends new acquisitions.

News Department:

Manager

(1) Coordinates the national news service with the local news reports.

(2) Produces in-depth news programming.

(3) Produces public service and promotional announcements.

Staff

(1) Announcers to present live and taped news, weather and sports broadcasts and public service programs.

(2) Reporters to gather news information and to write copy.

Operations Department:

Manager

(1) Manages the daily operation of the station, office and studio.

(2) Represents the station to the community as nominal head.

(3) Helps to coordinate station departments.

(4) Responsible for the lawful compliance of FCC broadcast regulations.

(5) Keeps running report of station.progress.

Operations Department:

Staff

(1) Assists Manager in monitoring studio operation.

Personnel Department:

Manager

(1) Monitors the performance of station staff, keeps staff records.

(2) Works with programming director to schedule staff.

(3) Publishes the bi-weekly newsletter for station.

(4) Acts as a liaison between the staff and the Board of Managers.

Staff

(1) Assists the Manager.

Programming Department:

Manager

(1) Designs programming format, emphasis and schedule.

(2) Monitors programming quality.

(3) Surveys the community to determine programming interests.

(4) Directs station publicity and promotions.

Staff

(1) Assists Manager.

Technical Department:

Manager

(1) Responsible for the purchase and the maintenance of all studio equipment.

(2) Works in coordination with engineer to ensure the optimal transmission of signal.

(3) Works with engineer to maintain all technical standards within FCC requirements.

(4) Provides production facilities, both in the studio and remote, for all departments.

Staff

(1) Provide daily checks of equipment.

(2) Assist in remote broadcast production.

EXHIBIT E

HAVERFORD-BRYN MAWR BROADCASTING, INC.

BOARD OF DIRECTORS

Mary Lou Allen - Haverford College
Tom Gowen - General Community
Chuck Heyduk - Bryn Mawr College
Skip Shakespeare - Bryn Mawr College
Gail Vogels - Haverford College
Steve Watter - Haverford College
vacancy - Bryn Mawr College
vacancy - General Community

OFFICERS OF THE BOARD

Diane Davison - President
Meg Russell - Vice President
Ellen Hauser - Secretary and Treasurer

BOARD OF MANAGERS

Diane Davison - General Manager and Operations Director
Ellen Hauser - Business Manager
Adam Cifu - Personnel and Program Director
Jen Waits - Music Director
Alex Gerberick - Music Director
Steve Falcheck - Technical Director
Michelle Hester - Arts Director
Meg Russell - Music Education Director
vacancy - Production Director

HAVERFORD
Dean of the College

August 7, 1987

Diane Davison
7502 Shelwood Road
Baltimore, M.D. 21208

Dear Diane Davison:

I enclose copy of material given to me by Marilou Allen. I hope it will be helpful.

Thank you.

Vernon J. Dixon
Acting Dean of the College

VJD/dva

TO .....

YOU ARE HEREBY NOTIFIED TO PLEAD TO THE ENCLOSED WITHIN TWENTY (20) DAYS OF SERVICE HEREOF OR A DEFAULT JUDGMENT MAY BE ENTERED AGAINST YOU.

BY .....

ATTORNEY

LAW OFFICES

CAIOLA, CAIOLA & GOWEN

506 SWEDE STREET

NORRISTOWN, PA. 19401

WE DO HEREBY CERTIFY THAT THE WITHIN IS A TRUE AND CORRECT COPY OF THE ORIGINAL FILED IN THIS ACTION.

BY .....

ATTORNEY

mit. After the expiration of ninety (90) days either party may proceed unless this option is extended in writing by both parties.

4. It is understood that in the event that the parties proceed with an FM application and begin operation of an FM station that division of operation time will be on an equal basis absent mutual agreement to the contrary and that division of construction and operating costs shall be borne in proportion to the operating time carried by each party.

AND NOW, this 15th day of June, 1984, intending to be legally bound hereby, the parties set their hands and seals.

ATTEST:

Justin E. Balk
Secretary

HAVERFORD BRYN-MAWR BROADCASTING, INC.

By: Lloyd Cattell
President

THE COLLEGE RADIO ORGARNIZATION OF VILLANOVA UNIVERSITY

Constance E. Palmera

By: Richard J. Welch
Richard Welch, Moderator

DEPT. OF COMMUNICATION ARTS
VILLANOVA UNIVERSITY
VILLANOVA, PA 19085

R18 Sb

A G R E E M E N T

WHEREAS, HAVERFORD-BRYN MAWR BROADCASTING, INC. (hereinafter referred to as WHRC) and THE COLLEGE RADIO ORGANIZATION OF VILLANOVA UNIVERSITY (hereinafter referred to WKVU) do desire to explore jointly the possibilty of establishing a joint FM radio station, do agree as follows:

1. WHRC and WKVU will retain of the service of Educational FM Associates, Inc. to determine the feasibility of an application for an FM license on channel 219 pursuant to FCC regulations. It is agreed that the costs of such study will be borne equally by the parties with each party being entitled to apply any credits it has outstanding with Educational FM Associates, Inc. toward its half of the bill.

2. In the event that the aforementioned study produces a positive recommendation, the parties shall have a period of ninety (90) days to make a final decision on pursuit of an FM construction permit. It is agreed that the terms of financial responsibility for construction and operation and the general terms of division of operation will be committed to writing within that time period in the event that the decision is to proceed on a joint basis.

3. Neither party may for a period of ninety (90) days after receipt of the study and recommendations of Educational FM Associates, Inc. file a unilateral petition with the FCC for a construction permit.

After the expiration of ninety (90) days either party may proceed unless this option is extended in writing by both parties.

4. It is understood that in the event that the parties proceed with an FM application and begin operation of an FM station that division of operation time will be on an equal basis absent mutual agreement to the contrary and that division of construction and operating costs shall be borne in proportion to the operating time carried by each party.

AND NOW, this day of , 1984, intending to be legally bound hereby, the parties set their hands and seals.

ATTEST: HAVERFORD BRYN-MAWR BROADCASTING, INC.

_____ By: _____

President

THE COLLEGE RADIO ORGARNIZATION OF VILLANOVA UNIVERSITY

_____ By: _____

Richard Welch, Moderator

Diane Davidson '88

H.C. / cm

SHHM

C E R T I F I C A T I O N

This is to certify that the preceding Legal Notice will be published in a local newspaper as required by the rules of the Federal Communications Commission

Lionel Cassin

Lionel Cassin, President
Haverford-Bryn Mawr Broadcasting, Inc.